

**WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1984**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1984

(DATA FOR THIS REPORT GATHERED BY THE
WRITER WHILE ACTING IN THE CAPACITY OF
WATERMASTER OF THE BOISE RIVER.)

(COOPERATIVE DATA ALSO FURNISHED BY
THE UNITED STATES BUREAU OF RECLAMATION.)

BY

HENRY KOELLING
WATERMASTER, BOISE RIVER

CHARTS

1. Shows daily discharge from Lucky Peak Reservoir for current year.
2. Shows the natural flow of the Boise River by days for the period from 1941 to date.
3. Shows mean daily flow of Boise River for an 80 year period.
- 3A. Shows natural flow for years when production exceeded 2,700,000.
4. Shows monthly and annual flow of Boise River in acre feet, for the irrigation year of 1894 to date.
5. Daily discharge of all canals for the irrigation season.
6. Summary chart in acre feet showing monthly and total canal diversion for the irrigation season.
7. Summary chart showing total annual diversions for all Boise Valley canals beginning in 1967.
8. Shows acre feet per acre diverted by Boise Valley canals for each irrigation season beginning 1965.
9. Shows acreage under all canals in the Boise Valley.
10. Storage used for the irrigation season.
11. Reservoir space allocation of all reservoirs located on the Boise River.
12. Shows daily discharge of all principal tributary streams feeding water to the Boise River below Diversion Dam for the irrigation season 1 April thru 15 October.
13. Summary chart in acre feet showing monthly and total drain discharges for the irrigation season.
14. Chart showing entire Boise River at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain, by months in acre feet, for the irrigation season.
15. Shows total discharge of all drains in Drainage District #2 for the irrigation season.
16. Chart showing total discharge of all drains in Drainage District #3 and #4 for the irrigation season.
17. Summary chart of the return flow to Boise River between Diversion Dam and Snake River for the last 15 years.
20. Shows distribution of drainage water to various canals.
21. Shows Intervenor Decrees on Boise River (Intervenor in the Stewart Decree) giving priority number, date and amount decreed.
22. Shows changes in point of diversions of decreed rights on the Boise River.
23. Shows transfers of decreed rights on the Boise River.
24. Condensed chart of Stewart Decree showing dates of priority and amount decreed.
25. Chart showing the Stewart, Intervenor and Bryan Decrees grouped under canal headings.
26. Charts in second feet showing the Stewart Decreed rights and the approximate natural flow needed to fill the rights to 100%, 75% and 60%.
27. Chart in second feet showing the Bryan Decreed rights and the approximate natural flow needed to fill the rights to 100%, 75% and 60%.

ORGANIZATION

THE ANNUAL MEETING OF WATER DISTRICT # 63 WAS HELD JANUARY 9, 1984 AT 10:00 A.M. IN THE VALLEY VIEW GRANGE HALL, ADA COUNTY, IDAHO.

MR HENRY KOELLING WAS ELECTED WATERMASTER AND WAS AUTHORIZED TO HIRE THE NECESSARY ASSISTANTS TO REGULATE THE DISTRIBUTION OF THE WATERS OF WATER DISTRICT # 63.

THE FOLLOWING WATERUSERS WERE ELECTED TO SERVE ON THE ADVISORY BOARD:

L.L. MURGOITIO, CHAIRMAN
J. HOWARD KENT, SECRETARY
JOHN GALE
MARTIN GALVIN
CARL GERMAN
FRED HOUSTON
WENDELL KNIGHT
L.C. MACE
NEIL STESSMAN
CHARLES YOST

ANY OTHER MEETINGS TO BE HELD DURING THE YEAR ARE SUBJECT TO CALL BY THE CHAIRMAN OF THE ADVISORY BOARD.

COOPERATIVE ASSISTANCE IS RENDERED BY THE BOISE PROJECT BOARD OF CONTROL IN CURRENT METER WORK FOR WHICH PROPER REMUNERATION IS MADE.

WE TAKE THIS OPPORTUNITY TO EXPRESS OUR APPRECIATION AND GRATITUDE FOR THE ASSISTANCE OF THE DEPARTMENT OF WATER RESOURCES AND THE CENTRAL SNAKE OFFICE OF THE BUREAU OF RECLAMATION.

DECREEES

Stewart Decree:

The old water rights from the Boise River are included in the decree in the case of FARMERS COOPERATIVE DITCH COMPANY, a Corporation, vs. RIVERSIDE IRRIGATION DISTRICT, LTD., a Corporation, et al, signed by District Judge George H. Stewart, January 18, 1906, commonly referred to as the "Stewart Decree". This case was appealed to the Supreme Court and affirmed as to priorities and acreage, but remanded to the District Court for the sole and only purpose of determining the duty of water. In 1914 testimony was taken before the Court as to the duty of water and was transcribed, which consists of approximately 2,630 typewritten pages. The final decree of the court as to the duty of water has never been entered. However, Judge E. L. Bryan, Judge of the District Court of the Seventh Judicial District of the State of Idaho, issued a continuing order on May 31, 1919, which is still in effect, providing for the distribution of waters of the Boise River in the following manner, to-wit:

"The various rights, as adjudicated in the so-called "Stewart Decree", shall receive 100 percent, until the natural flow of the waters of the Boise River shall decrease, until all the rights in said decree cannot receive 100 percent, at which time the various rights as adjudicated in the so-called "Stewart Decree" shall first be cut to 75 percent of the amount of water decreed by the "Stewart Decree" as the natural flow of the Boise River decreases, beginning with the latest rights and proceeding to the

earliest rights in the order fixed in said Stewart Decree, and after all of the rights shall have been reduced to 75 percent of the amount fixed in the Stewart Decree, should the natural flow of the waters in Boise River decrease below the amount necessary to supply said 75 percent of the water rights as decreed in said Stewart Decree, then the various rights beginning with the latest and proceeding to the earliest, as aforesaid, shall be reduced to 60 percent of the amount specified in the Stewart Decree, and 60 percent of the amount decreed in the Stewart Decree is hereby fixed and determined as the highest duty of water for year 1919.

Bryan Decree:

In the SEVENTH JUDICIAL DISTRICT of the State of Idaho, Judge Ed. L. Bryan signed a decree on February 14, 1929, in the case of PIONEER IRRIGATION DISTRICT vs. AMERICAN DITCH ASSOCIATION, et al, commonly referred to as the "Flood Water Suit", or "Bryan Decree". All rights decreed in this case are made subsequent to the Stewart Decree. This case was appealed to the Supreme Court where it was upheld as to some of the rights involved but remanded to the District Court for retrial on the question of the duty of water and also for the purpose of determining certain other rights.

On January 30, 1932, Judge A. O. Sutton signed an order temporarily establishing the various rights in the Flood Water Suit and providing for a duty of water similar to the "Sliding Scale" in the Stewart Decree. On June 23, 1933, Judge Chas. E. Winstead of the THIRD JUDICIAL DISTRICT, sitting as Judge in the SEVENTH JUDICIAL DISTRICT for the State of Idaho, signed a continuing order making the order of Judge Sutton for 1932 effective for 1933 and continuing. This order has remained in effect since that time.

Chart 26 relates to the Stewart Decree and shows the following information: Number of priority, name of canal presently diverting, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent, and section of river in which point of diversion is located. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Stewart Decree, including intervenors, to 60 percent 75 percent and 100 percent. It is assumed that the return flow to Sections 2 and 3 of the river would fill the rights with points of diversion in those sections of the river to 75 percent of the amount decreed.

Chart 27 shows the decreed rights contained in the Bryan Decree or Flood Water Decree. It shows the date of priority, name of water user to whom the decree was issued, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Flood Water Decree to 60 percent, 75 percent and 100 percent.

TRIBUTARY GAIN

Data was gathered and compiled on all principal tributary streams feeding water to the Boise River below Mores Creek.

Chart 12 shows the daily discharge of the tributary streams.

Chart 13 shows a monthly summary of discharges of the drains.

NET GAIN

Chart 14 shows the total flow of the Boise River passing Diversion Dam, canal deliveries, and gain to the river by months in acre-feet.

RIVER FLUCTUATION

The river flow was very steady, there being very few fluctuations. A change of gates at Lucky Peak sometimes results in a slight change in

discharge. A remote control gage, which makes a permanent record and shows the gage height at all times in the power house at Diversion Dam, has been installed and it gives a fair record of the flow below Diversion Dam. It varies if the flow is changed from the generators to the roll gate or over the check boards.

CLASSIFICATION OF RIVER

The Boise River naturally divides itself into three separate and distinct parts. Section 1 includes the part of the river which lies between the Government Diversion Dam and the Caldwell High Line Canal about a mile below the town of Star. Section 2 includes that section which lies between the Caldwell High Line Canal and the Notus Bridge. Section 3 includes that part of the river between the Notus Bridge and the Snake River.

SECTION I

Chart 14 shows the condition that existed in the entire river during the period July 1 to November 1. This section is under complete regulation by the watermaster. All water is measured and divided according to the decrees and licenses, which are set by the courts and State laws.

SECTION 2

All water in this section is measured, but operation is more liberal than in Section I, due to return flow, so regulation is somewhat relaxed with very little storage water required.

SECTION 3

This section of the river is operated without any regulation what so ever, but it is measured and recorded the same as Section I and 2.

The return flow to Section 3 was sufficient to take care of all rights in this section during most of the season, and therefore no regulations were required. In fact, during all the years on record on the distribution of the waters of Boise River, beginning with 1914, there has been only one year - 1931 - during which it was necessary to regulate diversions from this section of the river, and during that year it was not necessary to run water past the Notus Bridge to supply the rights below.

The final determination of the duty of water, both in the "Stewart Decree" and the "Bryan Decree", is still pending in the District Court at Caldwell, Idaho. The writer's views are pretty well expressed in the following quotations for "REPORT ON CONSUMPTIVE USE--NET DUTY OF WATER--As Related to the Proper Adjudication of Water Rights on the Boise River", by W. G. Steward. Mr. Steward was formerly employed by the United States Reclamation Service in charge of Hydrographic work on the Boise River, and also for several years he was an instructor at the University of Idaho on the same subject. He has made a very comprehensive study of the duty of water, especially on the Boise River, and was well qualified on that subject. For these reasons the following quotations are submitted with the endorsement of the writer:

1. "That a duty of water, if established, should be subject to change when conditions warrant. Conditions are continually changing. Our knowledge and methods of irrigation are improving. An arbitrary duty that would meet all requirements today might prove entirely inadequate fifty years from now. Posterity should not be handicapped by our present day limitations.

2. "A duty, if established now, should be construed to mean a headgate,

duty, or duty at the point of diversion.

3. "The best information at hand today would indicate that a duty, if established, should conform very closely to the so-called "sliding scale", as provided in the order issued by Judge Ed. L. Bryan on May 31, 1919. That if the present law does not permit the court to render a decision on the duty of water conforming closely with the above suggestions, the water users of the valley should arrange, by stipulation, for the delivery of water along the above suggested lines until such time as conditions have changed so as to warrant new distribution.

4. "That an exception to the "sliding scale" should be made in the case of porous-gravel, river bottom lands, lying adjacent to and under the upper section of the river as per the Stewart Decree, to the extent that these lands should be allowed to divert such amount of water as their crops require and at such times as it is needed, because no matter how much is diverted, all but a very small amount almost immediately returns to the river flow. Most canals have been required to purchase storage water to supplement their natural flow rights.

5. "That said lands entitled to above exceptions should be determined before a decree is entered or stipulation is signed."

The court order providing for the "sliding scale cuts", under which the Boise River has been operated for about fifty years, has proven very satisfactory when the entire valley is taken into consideration. This court order is given in full on Page 2 of this report.

Chart 6 shows the amount in acre-feet diverted each month and the total amount diverted for the season by the canals in the Boise Valley.

Chart 8 is a table showing acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning in 1965. A similar record showing

the acre-feet per acre diverted for 50 principal canals in the Boise Valley, beginning 1916, and one beginning 1947, may be found in previous annual reports. The amount shown under the column "Acre Feet Per Acre" cannot be construed as a duty of water for the lands of the Boise Valley, due to the large and varying quantities of return flow water picked up by many of these canals.

DRAINAGE

Chart 15 shows the total drainage discharge for Drainage District No. 2 for the current season and a summary for the same. This drainage district embraces an area of 29,000 acres situated on the north side of Boise River between the City of Boise and the canyon near Caldwell.

Chart 16 is a table showing the discharge of all drains in both Drainage Districts No. 3 and No. 4. Drainage District No. 3, frequently referred to as the "South Boise Drainage District", is situated in South Boise. This district, comprising an area of 4,200 acres, has four drainage canals, all outlets emptying into the Boise River. Drainage District No. 4 frequently referred to as the "Thurman Drain", comprises an area of approximately 2,500 acres and is situated south of the Boise River and opposite the town of Eagle. This district has only one outlet to the Boise River.

Chart 17 is a table showing the average return flow to the Boise River for a 15 year period.

Chart 20 shows the method used in apportioning the drainage water to the various canals under the several court orders.

INTERVENORS

Chart 21 is a table showing the decrees obtained by intervenors in the case of Farmers Cooperative Ditch Company, Plaintiff, vs, Riverside Irrigation District, Ltd., et al, Defendants.

CHANGES IN POINT OF DIVERSION

Chart 22 is a table showing the change in the point of diversion of

decreed rights on the Boise River as recorded in the office of the State Department of Water Administration.

TRANSFERS

Chart 23 is a table showing the transfer of decreed rights on the Boise River as recorded in the office of the State Department of Water Administration.

STEWART DECREE

Chart 24 is a condensed table of the Stewart Decree.

Chart 26 is a table showing decreed rights contained in the Stewart Decree and the natural flow at the Diversion Dam necessary to fill the same.

STEWART AND BRYAN DECREES GROUPED ALPHEBETICAL BY CANAL HEADINGS

The tables, in charts, have been compiled for the benefit of those canal companies which have more than one date of priority. These tables also include the transfers and changes in point of diversion. They show the date and amount of each priority and the total amount decreed.

BRYAN DECREE

Chart 27 is a table showing decreed rights contained in the Bryan Decree and the natural flow necessary at the Diversion Dam to fill the same.

WATERSHED

The following is quoted from the 1947 report:

"The question of watershed protection will always be of paramount importance to the water users of Boise Valley. It is regrettable, however, that in matters of this kind the people of the valley generally are too much inclined to take the attitude of "Let George Do It". The preservation of present day water users but for generations yet to come, should have the

constant attention and consideration of all concerned. It is the opinion of the writer that this resource, which is of such importance to the entire populace of the Boise Valley, should remain under federal control.

FLOOD CONTROL

With three dams on the river, flood damage should be held to a minimum. There will still be some damage along the river from erosion until such time as protecting levees can be built in certain places on both banks of the river.

An agreement has been entered into between the Army Engineers, the Bureau of Reclamation and the water users whereby Arrowrock, Anderson and Lucky Peak Reservoirs will be used jointly for both irrigation and flood control. It is anticipated with this arrangement, the three reservoirs plus irrigation diversions will control the more frequent floods of 6,500 C.F.S. or less at Boise. However, although major floods will be regulated to a considerable degree, there is insufficient storage to control these more rare floods to river capacity and some flooding downstream will occur.

CANAL REGULATIONS

Canal regulation in 1984 began on July 14 and was required for the balance of the irrigation season. Chart 5 shows daily canal diversions in C.F.S. for the period of April 1 thru October 15.

Chart 6 shows the monthly and total diversions in acre feet for the Boise River for the irrigation season.

Chart 7 is a table showing the return flow, canal diversions, winter diversions and flood control loss for the entire Boise Valley for each season beginning 1967 to date. Previous reports show the same information from 1915 to 1966 inclusive.

BOISE RIVER NATURAL FLOW AND AVAILABLE WATER SUPPLY

The total natural flow for the Boise River during the Calendar Year of 1984 was 2,810,017 acre feet and for the irrigation year 1 October, 1983 to 30 September, 1984 was 2,870,730 acre feet.

Irrigation was started on the Boise River system in early April, but demand was light until the first part of May when most canals were diverting near capacity. The demand for water was very steady until September when demand declined. Flood control releases were in effect from 1 January, 1984 until 14 July, 1984 when storage use was started.

The peak outflow from Lucky Peak Reservoir was 10,506 cfs. on 1 June.

Also, during September and October, there was 99,014 acre feet of storage water released from Lucky Peak Reservoir to lower the elevation for tunnel inspection and Power Plant Construction.

The natural flow of the river has been released from the end of the irrigation season until the end of the year.

The return flows were more than were needed to meet the irrigation demand for Sections 2 and 3 of the River.

The peak flow of the River for 1984 was 22,430 cfs. on 16 May and the lowest flow of 534 cfs. was on 19 December.

STORAGE WATER

As of 31 December, 1984 there was 289,548 acre feet of water in Anderson Ranch Reservoir, 136,365 acre feet of water in Arrowrock Reservoir and 26,617 acre feet of water in Lucky Peak Reservoir for a total of 452,530 acre feet of stored water in the system.

777 cfs. is being released from Anderson Ranch Reservoir, 1366 cfs. from Arrowrock Reservoir and 1,499 cfs. from Lucky Peak Reservoir. The natural flow of the Boise River 31 December, 1984 was 1,125 cfs.

CONCLUSIONS

1. That the records and data as compiled in the Watermaster's report for the past fifty years should be continued.
2. That the river naturally divides itself into three sections during the low water period.
3. That the river can be completely dried up at the lower end of Section 1 without injury to the rights in Section 2 during the low water period of each irrigation year.
4. That the return flow is a vital factor and must be considered in the operation of the river.
5. That the transfer of water rights from Section 2 to Section 1 is injurious to the rights already existing in Section 1 and should not be permitted.
6. That the construction of drainage systems in the Boise Valley has changed the irrigation requirements within these districts.
7. That by reason of the construction of these drainage canals certain waters which were formerly lost through seepage, evaporation and deep percolation, or reached the river during the winter months, are probably now reaching the river during the irrigation season and made available for irrigation purposes.
8. That the question of protection of the Boise River watershed should have the constant attention and consideration of the people of this area.
9. That a reasonable program of research work should be continued by the U. S. Forest Service on the Boise River watershed for the purpose of determining to what extent the resources of the watershed may be utilized

without being injurious to the inherent rights of the water users who are dependent upon this resource for a livelihood.

10. That the knowledge and data upon which a permanent duty of water must necessarily be based are constantly being improved and increased.

11. That an arbitrary duty of water, if established, should be subject to change from time to time.

12. That the "Court Orders" under which the Boise River has been operated for approximately 50 years have proven very satisfactory to the Boise Valley as a whole.

13. That if the so-called "sliding scale" should be fixed by the Court as a permanent duty of water for the Boise Valley, then an exception to said "sliding scale" should be made in the case of certain river bottom lands.

14. That mining operations within the bed of the Boise River and its tributaries should not be permitted.

15. That efforts should continue to be made for the construction of protective levees to relieve erosion in certain low places along the river.

16. That some type of program should be adopted for annual repair and channel clearance of the Boise River.

17. That the diversion checks in the Boise River should be of the retractable type to allow free passage of flood control waters.

18. At the present time, 6500 cfs passing the Capital Blvd. Bridge in Boise is the maximum flow to prevent serious flooding downstream. Several years ago this amount of water caused little or no flooding. In March 1975 with a 5000 cfs flow passing Boise, some flooding was experienced, and as the flow increased, also the flooding. Every year the flooding seems to start at a smaller flow. It is my opinion that if some channel cleaning and debris removal is not started, then it is only a matter of time until we will be flooding some land in the Eagle Island area when passing the summer irrigation demand.

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TABLE IN SECOND FEET SHOWING THE DAILY OUTFLOW OF
LUCKY PEAK RESERVOIR FOR THE YEAR OF 1984

	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	3500	3600	1850	3500	9273	10506	8003	4395	3557	4567	2002	995
2	3500	3600	1850	3496	9409	10505	8002	4359	2607	4436	1456	994
3	3500	3600	1850	3501	9408	10496	8006	4340	3640	4295	1197	529
4	3500	2133	1850	2550	9081	10501	7998	4341	4324	4301	1201	204
5	3500	2000	1850	1795	9044	10498	7995	4341	4391	3910	1195	204
6	3500	2000	1850	1794	9112	10006	7999	4341	4387	3706	1191	204
7	4063	2000	1850	1793	9114	9011	6138	4337	4389	3708	1191	540
8	5000	2000	1850	1795	9233	8520	5008	4337	4521	3708	1192	995
9	5000	2000	1850	1802	9428	7783	5009	4337	4601	3707	1192	997
10	5000	1500	1850	1797	9572	7021	5014	4338	4604	3037	1190	997
11	5000	1500	1850	1794	9666	7027	5014	4332	4599	2688	1187	996
12	5000	1500	1850	1796	9693	6567	5005	4297	4598	1450	1184	1321
13	5000	1500	1850	1794	9686	5361	5003	4297	4595	504	419	1495
14	5000	1500	1850	2820	9698	4340	4775	4297	4599	506	0	1496
15	5000	1500	1850	5732	9698	3988	4586	4296	4601	181	0	1496
16	5000	1500	1850	6791	9697	4125	4601	4295	4633	0	419	1497
17	5000	1500	1850	6795	9758	4324	4594	4295	4601	0	1185	1497
18	5000	1792	1850	6799	9848	4395	4599	4295	4605	0	1175	1497
19	5000	1850	1850	7179	9956	4467	4598	4361	4607	921	1684	1497
20	5000	1850	1850	7730	9981	5165	4594	4394	4611	1999	2006	1166
21	5000	1850	1850	7896	9969	5516	4564	4394	4609	1992	2004	1496
22	5000	1850	1850	7897	10145	5680	4549	4393	4616	1999	2009	1496
23	5000	1850	1850	7896	10249	6264	4549	4392	4668	2003	2007	1496
24	3892	1850	1850	8223	10246	6520	4511	4395	4600	1999	2000	1497
25	3600	1850	1850	7495	10244	6526	4492	4395	4655	1990	2002	1498
26	3600	1850	1850	7396	10241	6523	4463	4394	4592	2000	2001	1498
27	3600	1850	1850	8802	10237	7000	4447	4393	4587	2000	1998	1498
28	3600	1850	2668	9028	10244	7250	4447	4393	4592	2000	1998	1498
29	3600	1850	3500	9075	10240	7743	4448	4392	4588	1996	1998	1498
30	3600		3499	9043	10372	8005	4450	4391	4587	1998	1597	1499
31	3600		3500		10490		4414	4391		1998		1499
CFS.	134,155	57,075	63,117	155,804	303,032	211,633	165,875	134,948	133,164	69,169	41,891	34,234
AC.FT.	268,310	114,150	126,234	311,608	606,064	423,266	331,750	269,896	266,328	138,338	83,091	67,903

TOTAL CFS. 1,504,097

AC.FT. 3,006,938

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	953	664	662	690	704	967	890	959	778	857	761	679	622	926	1026	929	927	878	884	888	890	886	884	917	1030	1215	1172	942	811	808	911	27,130
1942	869	647	1027	927	737	737	737	999	1000	1157	1052	1051	841	946	946	621	731	1306	866	756	866	748	976	1119	1265	1511	1172	1323	1489	1388	1281	31,091
1943	4510	4934	3711	2795	2572	2257	2026	1701	1730	1701	1554	1337	1344	1519	1550	1636	1300	1110	1315	2010	2179	3728	4603	4299	3563	3199	2987	2703	2505	2250	2006	76,595
1944	938	895	979	759	575	685	876	673	670	671	674	676	684	688	962	934	945	1042	827	824	822	722	730	940	827	828	823	733	748	744	752	24,706
1945	796	703	662	668	803	810	747	1120	1193	1040	1035	899	902	1300	1461	1305	1169	1052	1034	1035	704	830	739	663	816	806	737	774	772	684	876	28,135
1946	2583	2013	2128	1723	1881	1631	1219	1544	1282	1045	1240	920	878	1057	983	866	1214	1246	1157	1111	940	1164	1117	1362	1209	1045	1073	1104	993	952	1085	39,765
1947	820	1062	923	620	688	906	1017	1018	905	903	1186	1033	1074	1052	788	753	786	733	1073	1245	1132	1276	865	1119	1114	1125	1157	914	920	987	908	30,182
1948	661	943	884	972	1020	1111	1140	2183	2282	1653	1571	1494	1905	866	810	842	940	948	964	827	872	924	1244	1208	1030	906	760	481	545	766	909	32,761
1949	866	878	818	730	730	825	800	822	861	868	773	760	777	824	830	850	841	814	785	780	788	806	811	793	732	686	719	722	727	765	738	24,519
1950	642	735	654	772	509	644	848	894	903	955	952	708	558	884	624	760	832	706	767	1079	1300	1874	2235	2173	1789	1238	1257	1186	1271	1019	833	31,601
1951	1130	993	1241	1259	937	1017	1000	748	949	1190	1294	1188	1361	1172	1120	1231	1404	1165	1058	1107	1050	1321	1324	1154	1252	1219	1404	1171	747	946	762	34,974
1952	797	526	852	469	1008	989	878	1201	1046	936	1194	1463	1735	903	1285	1545	1618	581	1254	1132	974	966	1374	1249	1256	975	1502	1015	1079	1120	1379	34,321
1953	806	694	1346	785	691	810	1165	731	1103	1275	1657	1090	1736	2332	1738	1740	1662	2309	4391	3813	2852	2256	1732	1452	1546	1524	1085	1647	1698	1258	1544	50,468
1954	278	1799	1016	784	1240	1021	466	974	1062	995	586	662	975	897	824	955	1091	947	1096	1069	787	699	1242	1207	1259	990	1309	1001	1500	1635	1687	32,133
1955	851	805	705	550	706	1101	291	364	84	955	1198	1206	588	925	750	804	596	567	967	677	93	720	731	1513	1082	728	753	416	686	783	1075	23,358
1956	3113	3390	1830	2272	2278	2506	1782	2126	1688	1674	1593	1851	1841	1843	2197	5154	2314	2822	3641	2838	3115	2743	2933	2913	2149	2064	2359	1564	2367	1434	1192	73,606
1957	863	943	1057	1163	325	911	694	290	1034	977	681	1008	707	1042	1493	595	1022	687	907	483	1087	1155	727	788	915	998	648	837	922	721	544	26,224
1958	381	758	230	655	926	421	680	603	787	1170	1363	1120	910	853	1153	808	932	1216	750	553	546	781	895	1215	747	1095	396	1760	552	1399	1186	26,841
1959	1244	1185	672	599	772	1161	1076	1210	1664	871	860	1010	1639	1733	1350	1523	1413	1010	1443	1033	1052	741	1286	1382	1687	1578	1356	1980	1390	1594	1129	28,233
1960	924	626	635	758	616	548	1834	(-96)	1760	1156	666	959	1091	515	1082	428	688	409	758	598	682	924	1179	965	607	840	1051	800	753	987	1009	35,812
1961	977	574	545	754	496	685	687	849	673	931	762	660	701	621	805	891	806	438	611	593	515	476	690	657	701	669	649	582	587	895	747	21,227
1962	685	742	484	817	841	841	1009	1377	1237	1495	853	785	1107	770	931	969	843	916	1002	988	596	787	450	557	882	1069	887	910	912	732	802	27,277
1963	756	1107	1063	1052	910	681	401	732	619	921	663	347	276	367	498	881	780	1009	659	640	762	466	784	551	524	707	960	111	890	750	939	21,806
1964	847	803	1015	712	672	828	1147	836	670	579	748	788	725	634	544	866	756	797	798	842	1009	966	908	916	741	805	1032	916	741	805	1032	26,085
1965	3669	2725	2775	2824	2681	2701	2594	2336	1813	2160	2321	2011	1836	1893	1941	1557	1885	1872	1915	1721	2169	1922	2085	2359	2173	1776	1996	2706	4124	6216	7442	80,198
1966	1150	961	1047	889	1091	1367	1899	1720	1519	1259	1098	1108	818	1275	1010	1192	730	627	572	830	650	550	1156	1053	1103	784	746	952	862	684	882	31,584
1967	715	729	1534	805	(-25)	900	871	604	968	673	671	544	809	896	988	998	870	986	767	932	1523	2071	1748	1233	1114	1073	1309	1316	1312	1821	2081	32,796
1968	893	830	664	549	664	923	766	592	648	1055	626	831	765	783	909	805	953	763	757	736	663	776	1112	723	167	803	753	643	625	892	891	23,520
1969	816	1260	986	855	1114	1151	1545	1469	1561	1288	1139	1493	2041	1658	2298	2055	1759	1508	1293	1808	3639	6256	5379	3263	3570	1948	2473	2556	2144	2287	1356	63,968
1970	636	609	629	458	847	685	753	641	719	816	873	1274	1088	1102	1413	1537	1670	2488	2060	2677	2475	3784	4324	5054	4261	3390	4065	4557	3384	2713	8007	63,549
1971	1174	1037	825	958	791	653	937	1030	1535	1635	2007	1596	1574	1454	1548	2302	2584	3892	5749	5953	5901	4915	4297	3687	3128	3406	2863	2777	2633	2445	2716	78,012
1972	966	978	1213	789	609	1018	1056	1029	861	1170	1101	1240	1202	1001	932	1043	1043	1300	1976	1820	3121	5188	4295	2899	2478	2073	1943	1653	1624	1563	1318	50,502
1973	1068	789	1098	920	834	730	717	1068	872	833	1010	1264	1769	1090	1670	1256	2595	2621	1423	1830	1117	948	826	994	1103	1252	999	901	1158	1031	1100	36,886
1974	1381	1035	688	944	1008	866	1291	918	1186	941	764	842	1168	1805	1475	2622	4977	5961	4164	4140	4098	3266	2490	2725	2449	2590	1846	2134	2101	1910	1681	65,496
1975	149	1237	670	601	870	1203	858	1217	933	802	873	819	1033	1143	924	887	1028	834	1031	1125	1015	1053	820	985	1015	1426	1603	1241	1119	966	157	29,667
1976	564	756	1124	1086	1531	474	1154	1084	1391	1320	943	1155	1457	1087	1166	1057	1450	1305	1131	1230	1205	983	898	1244	1387	1266	1166	1141	1375	1207	1206	35,543
1977	577	713	789	873	334	677	605	349	713	639	478	766	797	1069	832	805	935	448	705	683	397	1093	1088	474	769	638	423	642	691	773	22,072	
1978	1009	887	853	1412	1155	1100	1258	1122	1080	845	1178	1327	1243	1535	1245	1640	2104	2129	1893	1684	1556	1580	1441	1190	1071	1234	1340	1183	1086	1129	1033	40,454
1979	432	491																														

* FOR YEARS 1995
THRU 1940 SHOWN
IN PREVIOUS ANNUAL
REPORTS

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981
JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1981	1559	1463	1391	1397	1346	1108	1132	806	1030	962	968	937	833	794	722	801	1235	1349	1349	1383	1385	1392	1531	1624	1592	1550	1316	2699	793	736	1091	38,274
1982	1415	1252	1174	1454	1282	1264	1082	1008	771	855	891	1119	1115	1325	1126	1301	1257	1205	1115	1293	858	847	979	1138	1347	1370	1095	1349	1055	889	974	35,205
1983	1039	1045	1115	1763	1746	1925	2781	3361	3096	3065	2411	2093	1922	1824	1735	1634	1774	1853	1779	1727	1648	1628	1655	1576	1612	1568	1473	1698	1533	1711	1598	57,368
1984	1437	1247	1461	1469	1760	1582	1646	1703	1293	1410	1074	1343	1211	1194	1317	1200	862	751	833	870	862	1196	1516	1618	1576	1632	1624	1419	1429	1443	1328	41,306

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

FEBRUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
1941	817	843	857	957	871	879	1140	1215	1100	1102	1244	1435	1469	1238	1123	1163	1093	994	1041	1151	1069	1093	1369	1529	1776	1535	1284	1342				32,684	
1942	1198	1073	1400	1427	1432	1446	1326	1382	1271	1261	1285	1152	1118	861	997	8179	1011	892	739	753	806	1477	1051	1150	952	922	941	1079				31,581	
1943	1859	1804	1921	1657	1557	1675	1571	1797	1817	1522	1569	1359	1648	1445	1646	1758	1771	1961	1944	2154	2462	2739	3419	3440	3327	2831	2870	2759				58,282	
1944	764	878	1096	809	1046	1165	1032	1020	1159	1270	791	785	773	785	906	1053	867	858	979	842	847	622	916	794	919	798	797	754				26,305	
1945	799	1012	1467	1371	1010	1077	1048	1210	2213	1737	1486	1353	1599	3131	2857	2051	1874	1550	1396	1329	1302	1115	1086	1077	1051	836	969	1056				40,062	
1946	1095	1162	1061	1049	1186	986	1102	1004	914	891	1028	1132	941	961	1074	1366	1281	1232	956	1237	1279	1219	1257	1207	1482	1546	1607	1609				32,904	
1947	1014	1122	953	941	993	1075	992	940	944	1148	1146	1250	2090	2423	2059	1886	1897	1937	2145	1786	1741	1834	1951	2029	1972	1832	1961	1578				43,639	
1948	878	983	1021	857	836	842	747	913	727	917	666	601	670	902	970	981	917	886	1227	1411	1102	1326	1819	1458	1222	1309	1509	1340	1203				30,240
1949	682	929	852	933	842	855	943	876	787	694	698	792	700	454	754	841	611	739	1165	1074	1793	(-58)	139	827	1035	(-140)	1795	1045				27,657	
1950	833	747	675	1415	1134	1344	1272	1182	1266	1259	1091	990	1165	917	1112	1042	1205	1203	1206	1239	1223	1222	1410	1412	1935	2626	2676	2654				37,505	
1951	757	835	945	1261	2228	1654	2153	3231	3400	3067	3290	3946	3147	3254	3175	2295	2409	2301	2334	2198	1987	2009	1828	1815	1678	2364	1528	1840				62,979	
1952	900	1761	2068	1884	1607	1436	1290	1465	1611	1470	1058	1341	1323	1272	920	1187	1743	1714	1215	1309	1183	1054	1206	1265	941	1120	949	1511	722			38,535	
1953	1128	1301	1834	2664	2912	2320	2086	2300	1921	1772	1697	1535	1519	1505	1495	1374	1466	1309	1398	1550	958	1120	1266	1406	1258	811	1271	1117				44,243	
1954	1567	1410	940	1367	1387	1208	1363	1339	1252	1425	1432	1634	2038	2230	2217	2103	1965	2005	1665	1665	1579	1715	1579	1447	1626	2120	1886	1904				46,144	
1955	687	545	88	232	942	500	734	661	1374	1388	228	605	610	778	968	960	574	723	695	962	723	412	861	863	978	697	736	698				20,222	
1956	1617	804	1201	1368	1774	1696	1694	3490	2465	4125	1644	3147	1764	1968	1561	1358	1573	1604	1311	1057	1343	1784	1615	1486	2020	1588	1590	1842	1752				52,235
1957	8	805	1053	2156	1014	710	986	750	1026	94	1862	755	760	1173	1346	741	1229	945	1039	1073	1183	1403	1158	2437	3446	4393	6586	6265				46,440	
1958	1213	807	598	1558	897	1182	1005	1034	1201	1098	1211	1217	1392	1937	2689	3463	4304	2500	2199	2982	3745	2215	2809	3375	3682	4557	3324	2774				60,918	
1959	1284	1019	973	1129	1414	1258	1114	1242	1150	1043	1242	1174	1086	766	1262	1199	1714	1476	1570	1524	1634	1219	1388	2178	1301	1461	1385	226				34,851	
1960	793	807	1088	888	905	826	1402	1802	2714	2270	1409	1453	1146	1237	1005	950	890	1113	700	791	876	958	763	735	886	982	1640	871	865				38,445
1961	1233	913	1003	812	1157	471	864	878	1158	778	1236	1711	1449	1363	946	1322	1324	1222	826	920	798	595	1395	903	945	1048	988	871				29,415	
1962	758	726	887	886	1034	900	932	1233	948	1226	1746	1874	2537	2533	2174	2248	1836	1814	1640	1552	1430	1396	1226	1341	1230	1154	1050	1030				30,163	
1963	1684	6541	4042	6708	5525	4627	3771	3176	2849	7478	2312	2005	1830	1691	1816	1662	1636	1489	1593	1683	2339	1854	1567	1700	1569	1611	2037	1767				79,562	
1964	948	838	1200	895	668	748	821	646	818	1275	804	653	920	1047	850	903	1205	527	1116	963	1052	977	1060	1113	1096	956	857	1007	1048				26,590
1965	7577	5853	4996	4606	4135	3971	3561	3300	3321	3318	2744	2403	2622	2878	2756	2401	2286	2405	2484	2433	2404	2694	2787	2590	2648	2480	2386	3246				91,303	
1966	958	834	785	628	544	1038	889	894	832	918	779	700	929	828	679	682	804	955	1211	667	758	842	844	786	867	1178	749	1031				29,583	
1967	1920	1553	1297	1383	1376	950	1258	917	1021	1040	1021	1046	1032	1019	1081	1032	954	995	876	1241	342	873	574	5018	1103	1021	855	1166				30,034	
1968	930	491	1007	1035	960	503	839	792	685	672	957	847	448	1239	975	822	701	941	1596	1962	3722	4907	3416	4499	4002	3002	2531	2283	2031				49,645
1969	2275	1265	1519	1572	1360	1461	1456	1514	1521	1633	1418	1483	1618	1781	1628	1640	1556	1195	1796	1821	2064	1731	1473	1331	1269	1397	1630	1402				43,567	
1970	8085	8030	1706	1698	1484	1460	1338	1451	1335	1417	1542	1688	2003	2223	2206	1844	2072	2284	2320	1961	1804	1808	1888	1848	1878	1964	2001	2004				50,864	
1971	2968	3499	3467	3321	3237	2653	2294	2417	2424	2442	2947	3145	2451	3610	3399	3720	3365	3390	3393	3622	2493	3032	2891	2755	2953	2658	2458	2706				87,610	
1972	1171	1426	1187	1021	1306	1524	1222	1430	1358	1377	1272	1134	1974	841	1453	1554	1558	1627	2054	1804	1546	1496	2404	2338	2130	2093	2297	2285	5000				90,363
1973	1078	927	659	996	1393	1152	1066	953	1060	723	1150	1231	1043	1005	932	885	718	1195	1445	500	973	949	927	1073	1220	1288	1127	1467				29,085	
1974	2267	1613	1408	1814	1796	1491	1357	1351	1136	1587	1506	1660	1527	1625	1515	1101	1965	1798	1823	2357	1723	1432	864	1873	1592	1624	1590	1547				45,430	
1975	1085	703	891	1222	1085	820	948	849	1083	1162	1246	980	1278	1987	1064	982	1621	1508	971	1406	1125	938	664	1197	1094	1072	1170	1287				31,309	
1976	1298	1207	1653	1582	921	2151	911	1244	1669	750	1400	1107	1310	1178	1233	1509	1468	1432	1318	1497	841	1559	1134	1146	1310	1270	1373	1160	1273				37,906
1977	630	706	633	827	615	654	725	755	771	706	809	741	668	743	744	920	894	822	833	558	363	722	822	745	874	791	733	692				27,926	
1978	1088	1080	1008	1368	1340	1378	1301	2104	2282	2252	2215	1752	1273	1626	1982	1680	1365	1342	1318	1303	1454	1348	1518	1486	1346	1814	1273	1754				20,321	
1979	454	628	681	776	774	715	748	747	886	515	1006	682	1021	2028	1854	1464	1170	1017	1087	954	1136	1243	971	928	914	8050	961	980				44,865	
1980	927	1004	1051	1072	1044	817	826	928	860	904	870	718	710	726	891	1255	1384	1411	1778	4394	38												

NATURAL FLOW OF THE ROISE RIVER
IN SECOND FEET
BEGINNING 1981
FEBRUARY

YEAR	BEGINNING 1981																													TOTAL
	FEBRUARY																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
1981	1054	1018	786	886	529	765	930	911	894	651	789	612	1045	1502	1791	1930	1727	2456	2514	2942	2721	2445	2413	2155	1981	2172	1860	1666	43,145	
1982	1075	1133	852	1320	831	876	878	840	967	1026	1122	928	1070	1356	3571	4064	7023	6109	5507	5774	5996	7126	8410	7117	5529	4773	4068	3896	93,237	
1983	1400	1286	1342	1197	1227	1227	1332	1653	1455	1738	1425	1666	1884	1986	1981	1916	1973	1893	2104	2133	2124	2013	2180	2387	2611	2976	3201	3331	53,641	
1984	1288	1418	1339	1642	1452	1419	1433	1459	1507	1400	1616	1467	1679	2215	2158	2103	2112	1907	1710	1999	1701	1729	1781	1624	1686	1596	1487	1466	1416	47,409

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

MARCH

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	1678	1898	1941	1823	1679	1616	1569	1473	1700	1708	1648	1770	1372	1495	1480	1318	1384	1712	1967	1942	1942	1842	1922	1803	1727	1774	2101	2193	2705	2849	3093	56,724
1942	873	1003	1035	1138	1018	1122	1054	1177	1115	1308	1403	1593	1652	1860	1479	1688	1527	1458	1432	1411	1414	1442	1305	1575	1447	1464	1476	1546	1639	1988	2250	43,902
1943	3088	2982	2839	3025	3099	2745	2569	2684	2919	2526	2520	2460	2523	3025	3899	3451	3161	2860	2606	2820	2076	2818	2119	2521	3009	3789	3285	7156	9555	10692	9936	117,569
1944	872	869	872	887	884	996	864	876	768	1200	1191	1182	1174	1248	1012	681	1196	1442	1446	1399	1366	1122	1135	1463	1179	1149	1154	904	1053	1094	1369	34,047
1945	903	1024	1056	1012	818	794	816	870	968	1016	1035	1076	1426	1746	1707	1520	1403	1519	1304	1172	1532	2260	2813	2856	2541	2242	2570	2320	2510	2290	2501	49,580
1946	1233	1580	1379	1595	1565	1948	1997	2033	2090	2342	2900	3811	4148	4131	3566	3217	2843	2526	2003	4144	5164	5371	5061	5103	4335	3767	4216	5462	6114	6618	5740	109,302
1947	1651	1539	1661	1803	1607	1600	1312	1485	1418	1844	2758	2251	2114	2004	2490	2946	3095	3940	4387	4397	4613	4661	4948	4541	3963	3837	3541	3553	3479	3709	3491	90,638
1948	1087	1173	1121	1097	922	930	1157	879	1004	1343	6	1792	844	1088	1059	1126	1219	1228	1032	1160	913	1061	1117	1133	1514	1383	1382	1209	1543	2076	2080	36,678
1949	1113	1343	1606	1746	1823	1874	1915	1913	1943	1941	2047	1984	1977	2164	2195	2425	2731	2890	2935	3221	3356	3362	3405	3446	3169	2970	2672	2564	2194	2200	2233	73,417
1950	2648	2360	2377	2328	2154	2617	2476	2333	2225	2257	1929	1680	1486	1625	1605	1512	2191	3900	4785	3688	3185	3006	2879	2728	2773	2855	2715	2572	2294	1968	2237	77,388
1951	1594	1634	1469	1610	2029	1084	1520	1410	935	1322	1138	1463	1318	1359	1491	2022	1928	1587	1619	1817	1817	2533	2601	2393	2338	3130	2173	4188	3971	3203	3578	62,536
1952	1277	1325	916	1270	951	864	750	1289	1202	1187	1575	791	1219	743	1238	1622	918	1949	1592	1521	1790	1934	1937	1186	670	2625	2871	3377	3221	3833	2867	51,510
1953	1424	1403	1427	1098	1399	1165	1524	976	1628	1672	1846	1871	2153	1965	1655	1796	1786	1337	1783	1997	1830	1830	1680	1877	2639	2967	2939	2966	3408	3928	5376	63,365
1954	1661	1596	1350	1774	1518	1621	1704	1820	3003	5830	5157	3972	3487	2794	2687	2351	2465	2141	2149	2119	2038	2091	1880	1923	2050	1942	2093	2397	2149	2100	2036	74,918
1955	1238	855	810	771	689	852	1053	825	1073	1090	911	753	703	859	801	639	1005	622	1032	895	697	766	1108	680	593	1318	999	678	715	1696	1244	27,970
1956	2003	2112	1793	1758	2375	2084	1968	2062	2267	1843	2094	534	1473	1789	1525	1532	2794	2508	3242	3040	4132	4481	5136	6000	7940	9559	9405	7904	6699	6295	6332	114,129
1957	4123	3591	3195	2692	2732	2847	2741	2633	3376	3824	3272	3475	3264	2610	2484	2356	2937	2692	2435	2677	3212	2855	2313	5227	3828	2810	2730	2830	2819	3563	4933	97,046
1958	2711	2292	1534	2014	1587	1821	1422	462	1364	2007	1669	1533	1372	1187	1512	1592	1702	1615	1484	966	1708	2745	3029	2485	3276	3070	2647	2901	3040	2648	2967	62,347
1959	1347	1226	1556	1529	1516	1240	1499	1195	1614	1165	1314	1190	1181	1213	1124	1261	1144	1179	1514	1398	1351	1428	1455	1532	2174	1729	1953	1914	1953	2119	2248	46,271
1960	542	205	1006	804	1774	1602	1592	3131	2084	1797	1142	1295	1393	1295	1246	1316	1171	1393	1605	2169	2912	2954	4985	5384	5531	6278	6291	6093	6142	5373	5910	86,415
1961	1077	866	1028	766	1007	951	920	802	721	1030	889	760	1072	1030	1201	1853	1979	1822	1679	1707	1843	1771	1679	2573	2414	2072	2459	1909	1971	1713	2051	45,615
1962	1049	1197	1208	1224	1313	1182	1182	1263	1223	1064	1277	919	1145	1117	1013	1035	840	1013	1065	1488	1448	1494	1697	1184	1420	1506	1866	1960	2057	2053	2084	41,536
1963	1852	1424	1539	1426	1257	1316	1275	1299	1294	1300	1230	1406	1289	1145	1097	1202	1178	1097	975	1174	1040	1268	1551	1550	1465	1341	1408	2060	3680	2616	2208	45,952
1964	1148	1300	1086	826	1021	1072	1000	921	880	942	914	991	952	976	930	898	898	1055	1260	1057	1249	1406	1255	1053	1190	1462	1286	1259	1359	1600	2345	35,609
1965	3363	2531	2886	3330	1915	2782	2927	2909	3201	3372	3686	3471	3449	3504	3260	3404	3249	3515	3763	3161	3016	2638	2899	2694	2360	2705	2885	2521	2452	2597	2820	92,765
1966	555	813	847	590	725	849	933	1013	1145	1359	1364	1367	1525	2089	2286	1956	1964	1501	1398	1306	1606	1264	1195	1153	1196	1393	1945	2708	3152	3641	4142	48,980
1967	1299	1011	1084	1049	1057	1168	934	961	1182	1046	1284	890	1234	966	1046	1143	864	1245	1477	1530	1035	1830	1650	1919	2011	1734	1842	1742	1882	2077	1538	41,790
1968	2792	2245	2276	2332	2344	2513	2468	2299	1915	2064	1796	1706	1724	1624	1721	1572	1751	1617	1471	1440	1393	1427	1409	1786	1871	2159	2044	1644	1850	1935	2378	57,646
1969	1374	1522	1779	1495	1472	1668	1809	1314	1739	1442	1300	1354	1404	1549	1825	1505	1678	1997	1933	2171	2118	2150	2572	3004	2684	2974	3391	4205	4209	5725	6602	71,964
1970	2210	2691	2439	2254	2009	1906	1850	2071	2538	2539	2349	2348	2168	2155	2372	2781	2896	2599	2411	2258	2199	2271	2312	2269	2611	2713	2642	2546	2636	2839	2460	74,510
1971	2484	2082	2103	2377	2444	1473	2801	2055	2065	2089	2405	2602	3113	3489	3290	3062	2817	2738	2474	2389	2693	2912	3301	3964	4499	5085	6644	6828	6589	6178	6684	105,747
1972	6302	4985	6083	7300	5401	5092	4896	4989	4029	5325	6749	8216	8522	9120	8603	8486	8855	9585	10958	10511	8869	8433	8962	9833	8936	7690	5841	5521	5727	4724	4390	223,233
1973	1461	1947	1516	1502	1552	1347	1302	1335	1307	1204	1520	1453	1176	1243	1248	1031	1220	1647	1470	1176	1452	1377	1530	1484	1892	1721	2001	1993	1827	1767	1659	46,460
1974	1611	1318	3388	1547	2006	2176	2417	2267	1479	2552	2520	1985	3351	3450	3187	3031	4072	5467	6791	5707	5690	5008	4136	5181	5036	5361	6178	2088	8492	8094	9297	129,893
1975	1517	1726	2300	2284	1987	2254	1965	1921	3579	2132	2855	2360	2139	1980	1664	2121	2155	2100	2411	3189	3054	2624	2808	2525	2811	3214	2726	2342	1736	1835	2745	72,877
1976	2034	1729	1324	1304	1247	899	1409	1505	1706	1421	1526	1536	1545	1304	2240	1929	1815	1599	2117	2189	1895	1894	1493	1960	2478	1972	1638	1976	2184	1658	2214	54,120
1977	869	1106	431	881	583	671	366	954	1038	1086	532	880	952	725	902	691	561	542	768	531	531	232	839	1022	531	610	802	1320	317	212	508	21,203
1978	1578	1277	1365	1840	1823	1729	2073	2112	2240	2427	2833	2116	2714	2637	2317	2250	2427	2252	2161	3277	3762	4545	4648	5303	4529	5268	5819	6591	7526	8174	9574	110,765
1979	961	917	986	800	720	1239	1132	1637	1531	1172	1622	1378	1819	1776	1692	2128	1225	3223	2263	2060	1544	2088	1732	1877	2149	2091	2164	2284	2084	1743	52,893	
1980	2337	2168	2246	2332	2417	2475	2112	1813	1920	1979	1734	1913	1711	1769	2037	2154	1951	1813	1959	1729	1325	2043	2110	2212	2							

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	MARCH 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1981	1717	1716	1656	1536	1412	1934	1384	1943	1702	1728	1702	1478	1753	1800	1734	1837	1977	1836	1701	1740	2480	1789	2093	1813	1691	2107	2174	2305	2203	2183	2397	57,521
1982	3835	4026	4647	4407	4167	3708	3634	3518	3538	3255	3660	4647	4634	4678	4433	4412	4091	3881	4075	3457	3486	3497	3113	3177	3265	3445	4251	4250	4459	4441	4342	122,429
1983	3283	3703	5694	6430	6133	6122	5883	5673	4919	5154	6098	9567	9520	9994	9866	8451	6448	7279	5743	5042	4233	4919	4344	4084	3853	3674	3526	3664	3394	3756	4966	175,415
1984	1653	1692	1768	1925	1934	1917	1978	2173	2443	2899	3397	3647	3636	3645	4476	4708	3736	4479	4448	4218	4400	6276	5899	5580	5369	5100	4728	4399	4218	3874	3816	114,361

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3343	4090	4429	94,150	
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6001	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528	7779	8562	7355	6099	5718	5033	4620	3317	4353	170,811	
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721	17930	15208	15482	14783	13616	12110	11161	14952	13643	503,266	
1944	1584	1786	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015	2274	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231	82,000	
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	3729	3768	4622	101,184	
1946	6008	4782	4552	4717	4841	5216	6160	6164	6222	5847	5218	5319	7576	10219	12352	13581	14780	17389	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167	319,902	
1947	4810	4145	4006	3747	3576	3468	3434	2289	3477	2684	2917	2808	3062	3230	4471	5632	6149	6379	6439	6204	6172	6318	6123	6001	5481	5356	5760	6190	6992	7300	144,700	
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165	132,212	
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761	5943	5790	5886	7130	7765	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046	208,274	
1950	2888	3787	4629	4125	4107	3895	4251	4659	5124	4670	5841	5821	6521	7418	7543	7141	8012	8713	9289	8968	9687	11164	11174	10063	7848	7196	6937	7247	6579	6012	201,309	
1951	3603	3674	4934	5892	7194	8634	9861	10722	10763	10360	10651	9941	9843	11541	11209	13094	10778	11159	11616	11612	10306	9734	8254	8001	8088	7476	7865	8281	11575	11017	278,484	
1952	3257	3410	3393	3712	4754	6669	8193	9277	7784	6989	6942	7143	8548	9935	11088	9967	10520	12544	14976	14725	12961	12931	13206	13984	17015	18667	22302	23429	21634	18984	338,945	
1953	4733	3869	3833	3881	4380	4107	4957	3346	3502	3669	2608	2514	2635	2480	1856	2836	2255	3181	3909	3531	6349	7202	9802	9941	10535	9020	9669	11656	12779	9568	164,683	
1954	1854	1675	1808	2259	3119	4933	5009	4438	4362	4339	3939	4072	4879	6936	7452	7233	7449	9296	10020	9628	8427	7333	8059	8101	8442	8974	8939	9397	9370	8438	190,860	
1955	1222	1007	1639	1090	1161	1218	1436	2087	2675	3028	3344	2583	1928	2156	1764	1674	1764	2184	2109	2132	1887	2528	3387	3314	2832	2590	2950	2668	2198	2241	64,916	
1956	6009	6148	5364	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489	12607	12497	14959	15071	16939	17221	16150	15141	13577	15057	13854	13131	11892	318,251	
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	8513	6589	6591	6719	6943	6944	6696	6323	6132	6122	6532	6317	6556	6892	6880	6243	5500	5385	5949	7427	180,628	
1958	2915	3061	3306	3911	3740	3464	3334	3515	3536	3412	4006	3696	4066	5274	6371	6712	7606	8555	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565	161,889	
1959	2099	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5727	4912	4487	3814	3799	3649	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025	138,367	
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990	4575	4182	4772	4571	4417	4662	3847	4034	3759	3422	3729	3741	3885	179,494	
1961	2366	2240	3232	4486	4618	3349	3110	3004	2876	2080	2387	2187	2594	2392	2237	2346	2087	3175	4469	4050	3214	3265	3260	2072	2364	2358	2186	2368	2765	2835	86,032	
1962	2688	3256	3773	4444	4795	5065	5650	6288	5777	4682	4041	4147	4455	5557	6796	8598	8570	8359	9027	10169	11343	9548	8780	8620	9355	8675	8000	8306	8152	6612	203,928	
1963	2062	2080	1853	1701	1796	2279	4777	4708	3955	3481	3134	2874	2554	2882	3939	4432	3516	3092	2913	3106	2831	2487	2415	2531	2412	2571	2859	3276	3528	4028	90,149	
1964	3694	4487	3913	3680	4020	4352	3938	3744	3812	4341	5712	5891	4233	3896	4063	4865	5505	4471	4524	4556	4745	5258	5310	4826	3814	3665	3757	3326	3702	5277	131,083	
1965	3160	4099	6098	5322	5339	5508	6152	6046	6034	6833	6161	5868	5878	6459	7236	8547	10007	9260	8789	12273	16365	20258	20854	18531	17595	17086	16351	16794	16395	16772	312,000	
1966	5060	5170	5575	4908	4200	3951	4352	4745	4953	5404	5750	4817	4992	3703	3933	3753	4559	4971	4464	3739	3487	3107	2968	2830	2930	3267	3797	3732	3001	3533	124,151	
1967	1866	1302	1505	1523	1774	2302	2053	2040	2234	2257	2718	2728	2741	2944	3155	2986	2738	2389	2321	3000	2460	2426	2157	2105	2099	2106	2198	2209	2604	2075	69,215	
1968	2511	2859	3177	2985	2942	3113	2833	2578	2321	2242	2397	3013	2950	2904	2723	2773	2597	2521	2261	2381	2223	2203	2018	2000	2170	2313	2169	2227	2288	2672	76,364	
1969	8134	8871	9402	10143	10081	11500	13417	11777	9706	9820	10362	11117	10887	11770	11006	10361	10181	10526	12042	11193	10447	10772	13232	15935	15071	12032	10124	9214	8729	9170	327,092	
1970	2516	2847	2370	2248	2249	2650	3545	4343	3352	4006	5127	4799	4166	3991	3672	3831	4937	2884	3038	3283	3045	2800	2837	2752	2865	2746	2808	2580	2584	2565	94,834	
1971	7027	6466	6414	6492	6755	7533	8465	9559	9507	9374	8938	7977	7229	7614	8612	9736	10380	9911	9406	10089	11573	12622	12336	11545	10590	9870	9505	9295	9328	10054	274,181	
1972	4902	4876	5204	6512	6586	7497	9010	9080	8002	7873	7222	7185	6841	6296	5404	5886	5793	5712	5269	5138	5195	5746	5820	6000	6891	6703	6355	6855	8157	9127	197,137	
1973	1799	1699	1676	1667	1989	2187	2358	2523	2156	2317	2424	2511	2871	4685	4343	4046	4007	4027	3557	3194	2803	2668	2004	2852	3103	3434	3780	4282	4433	4160	90,355	
1974	9015	8408	6921	6284	5769	5585	5958	6075	6606	7119	7068	7847	7990	7280	7634	8467	9193	10399	11991	13264	13754	13420	13766	15710	17437	17801	15525	12624	11024	10023	297,957	
1975	2123	1974	1949	2071	1843	2082	2165	1959	1822	2024	1973	1934	2310	3046	3614	3740	3715	3609	4515	4142	4679	4811	5084	5578	5450	5869	5156	4851	4164	4027	102,329	
1976	2396	2732	3458	3697	4169	5866	7155	7003	8663	10334	9143	9095	8789	8065	7908	7940	6883	5895	5782	5451	5485	6072	6375	5937	5982	7075	6388	6220	5162	5626	191,618	
1977	561	273	979	757	660	1092	1420	1406	1776	1887	1508	1538	1495	1367	1205	1325	613	1242	1107	1238	1159	1142	1259	1513	1317	1573	1536	1301	1518	38,129		
1978	8671	10712	1317	6222	6467	3603	5274	5553	5105	5123	5780	6669	6587	5938	6162	6240	7029	6198	5541	5444	5764	5508	5126	4516	4688	5704	6559	7023	7437	7838	190,609	
1979	1785	1850	1626	1468	1372	1536	2015	1822	2106	2871	2454	2115	1481	1955	1322	1981	2472	3035	3181	2686	2494	2144	2360	2717	2798	2411	2733	3160	3588	3329	70,210	
1980	1213	1917	1913	1706	1870	2115	2503	2061	2151	2249	2129	2301	2252	3353	3763	4506	5403	5702	7408	8974	10145	10906	10768	11462	12736	12086	10435	11232				

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

APRIL

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	2764	3078	3048	3047	3476	3237	2958	2618	2631	2830	3468	3201	3339	3509	3396	3665	3394	3243	2963	2670	2387	2370	2452	2699	3128	3201	3316	3343	4050	4429	94,150	
1942	2592	2973	3284	3741	4057	3785	3879	4215	4659	5444	6001	7073	8215	8731	9411	8204	6527	6620	6098	5858	6528	7179	8562	7355	6699	5718	5033	4620	3317	4353	120,811	
1943	8908	10250	14430	14901	13749	13264	14663	16969	21255	18207	16138	16191	18504	20265	21625	22310	23229	25040	23312	22450	18721	17330	15208	15492	14703	13616	12110	11161	14952	13643	503,266	
1944	1584	1706	2125	2865	2726	3144	2693	2599	2622	2605	2376	3092	3326	2841	2721	2302	2377	2310	2015	2274	2185	2348	2613	2821	3624	3471	3330	3282	3712	4231	82,000	
1945	2671	2430	2282	2132	2205	1890	2576	2192	2522	2329	2057	2075	2045	1985	2296	2082	2706	2855	3445	4460	6135	7701	6650	6101	5125	4326	3792	3729	3768	4622	101,184	
1946	6008	4782	4552	4717	4841	5216	6160	6164	6222	5847	5218	5319	7596	10219	12332	13581	14780	13709	18812	18660	15103	13559	11548	11850	13257	15441	16663	15853	14226	13167	319,902	
1947	4810	4145	4006	3747	3576	3468	3434	2289	3477	2684	2917	2808	3062	3230	4471	5632	6149	6379	6439	6204	6172	6318	6123	6001	5481	5356	5760	6190	6992	7300	144,700	
1948	1740	2024	2660	2967	2723	2292	2269	1997	1837	2190	2201	2152	2155	2437	2518	3724	5472	10555	8536	6896	6096	9614	8938	6732	6461	5890	5108	4452	4411	5165	132,212	
1949	2433	2870	3339	3555	4184	5078	5780	5966	6176	6527	6860	7696	7761	5943	5790	5886	7130	7765	9413	10308	8503	7089	8258	8197	10023	9325	8906	9226	9241	9046	208,274	
1950	2888	3787	4629	4125	4107	3895	4251	4659	5124	4670	5841	5921	6521	7418	7543	7141	8012	8713	9289	8968	9687	11164	11174	10063	7848	7196	6937	7247	6579	6012	201,309	
1951	3609	3674	4734	5822	7194	8634	9861	10722	10953	10360	10651	9941	9843	11541	11209	13034	10778	11159	11616	11612	10306	9734	8254	8001	8088	7476	7865	8281	11575	11017	278,484	
1952	3257	3410	3393	3712	4754	6669	8193	9277	7704	6989	6942	7143	8548	9935	11088	9967	10520	12544	14976	14725	12961	12931	13206	13984	17015	18667	22302	23429	21634	18984	338,945	
1953	4733	3069	3833	3881	4380	4107	4957	3346	3502	3669	2680	2514	2635	2480	1856	2836	2255	3181	3909	3531	6349	7202	9882	9941	10535	9020	9669	11656	12779	9568	164,683	
1954	1854	1675	1808	2259	3119	4333	5009	4438	4362	4339	3939	4072	4879	6936	7452	7233	7449	9296	10020	9628	8427	7333	8059	8101	8442	8974	8739	9397	9370	8438	190,860	
1955	1222	1007	1639	1090	1161	1218	1436	2087	2675	3028	3344	2583	1928	2156	1764	1674	1764	2184	2109	2192	1897	2520	3387	3314	2892	2590	2950	2668	2198	2241	64,916	
1956	6009	6148	5264	5584	5507	5628	5834	5774	5660	5795	7116	9006	9577	10213	11061	12390	13489	12607	12497	14959	15071	16939	17221	16150	15141	13577	15057	13854	13131	11892	318,251	
1957	4004	3798	3834	3820	4137	6579	6486	5838	5107	5772	8513	6589	6591	6719	6943	6944	6696	6323	6132	6122	6532	6317	6556	6892	6880	6243	5500	5385	5949	7427	180,628	
1958	2915	3061	3505	3911	3740	3464	3334	3515	3536	3412	4006	3596	4066	5274	6371	6712	7606	8555	9242	8944	8577	9218	8207	6997	6108	5368	4938	4630	4415	4565	161,889	
1959	2099	2218	3632	5010	5247	6138	6612	5665	4929	4560	4178	4443	4861	5598	5277	4912	4487	3814	3799	3649	3545	3737	3918	3864	4659	5445	6322	5600	5174	5025	138,367	
1960	4550	4339	4121	4393	5945	7785	10242	10483	10930	11165	10822	9142	7933	7136	6422	5500	4990	4575	4182	4772	4571	4417	4662	3847	4034	3759	3422	3729	3741	3895	179,494	
1961	2366	2240	3232	4486	4618	3349	3110	3004	2876	2080	2387	2187	2594	2392	2237	2346	2087	3175	4469	4050	3214	3765	3260	2072	2364	2338	2186	2368	2765	2835	86,032	
1962	2688	3256	3773	4444	4755	5065	5650	6288	5777	4682	4041	4147	4455	5557	6796	8598	8570	8559	9027	10169	11343	9548	8790	8620	9355	8675	8000	8306	8152	6612	203,928	
1963	2062	2080	1853	1701	1796	2279	4777	4708	3955	3481	3194	2874	2554	2882	3959	4432	3516	3092	2913	3106	2831	2487	2413	2531	2412	2571	2859	3276	3528	4028	90,149	
1964	3694	4487	3913	3680	4020	4352	3938	3744	3812	4341	5212	5891	4233	3895	4063	4865	5505	4471	4524	4556	4945	5258	5310	4826	3814	3665	3757	3326	3702	5277	131,083	
1965	3160	4099	6098	5322	5339	5508	6152	6046	6034	6833	6161	5868	5878	6459	7236	8547	10007	9260	8789	12273	16365	20258	20854	18531	17595	17086	16551	16734	16955	16772	312,090	
1966	5060	5170	5575	4908	4200	3951	4352	4745	4953	5404	5750	4817	4792	3703	3933	3753	4559	4971	4464	3729	3487	3107	2968	2830	2930	3267	3797	3732	3001	3533	124,151	
1967	1866	1502	1505	1523	1774	2302	2053	2040	2234	2257	2718	2728	2741	2944	3155	2986	2738	2389	2321	3000	2460	2426	2157	2105	2099	2106	2198	2209	2604	2075	69,215	
1968	2511	2859	3177	2985	2942	3113	2833	2578	2521	2242	2397	3013	2950	2904	2723	2773	2597	2521	2261	2381	2223	2203	2018	2000	2170	2313	2169	2227	2288	2672	76,364	
1969	8134	8871	9402	10143	10081	11500	13417	11777	9706	9820	10362	11117	10887	11770	11006	10361	10181	10526	12042	11193	10447	10772	12232	15935	15071	17032	10124	9284	8729	9170	327,072	
1970	2516	2247	2370	2248	2243	2650	3545	4343	3252	4006	5187	4799	4166	3991	3672	3231	3937	2884	3038	3203	3045	2800	2837	2752	2865	2746	2808	2580	2584	2565	94,834	
1971	7027	6466	6414	6492	6755	7533	8465	9559	9507	9374	8938	7977	7229	7614	8612	9736	10390	9911	9406	10088	11523	12622	12336	11545	10590	9870	9505	9295	9328	10054	274,181	
1972	4902	4876	5204	6512	6586	7497	9010	9080	8002	7873	7222	7185	6841	6296	5404	5886	5793	5712	5769	5138	5195	5746	5820	6000	6891	6703	6355	6855	8157	9127	197,177	
1973	1799	1699	1676	1667	1989	2187	2358	2523	2156	2317	2424	2511	2871	4685	4343	4046	4007	4027	3557	3194	2803	2668	2804	2852	3103	3434	3780	4282	4433	4160	90,355	
1974	9015	8408	6921	6284	5769	5585	5958	6075	6606	7119	7068	7847	7990	7280	7634	8467	9193	10399	11991	13264	13754	13420	13766	15710	17437	17801	15525	12624	11024	10023	297,957	
1975	2173	1974	1949	2071	1843	2082	2165	1959	1822	2024	1973	1934	2310	3046	3614	3740	3715	3709	4515	4147	4673	4811	5084	5538	5450	5869	5156	4851	4164	4027	102,329	
1976	2396	2732	3458	3617	4166	5866	7155	7003	8668	10394	9143	9075	8781	8065	7988	7940	6883	5695	5782	5451	5785	6073	6325	5927	5992	7075	6388	6220	5567	5626	191,618	
1977	561	273	979	257	660	1072	1420	1486	1776	1887	1562	1508	1528	1425	1205	1925	613	1742	1807	1238	1192	1142	1293	1243	1392	1573	1536	1388	1388	1388	38,129	
1978	8631	10792	1317	6822	6467	5607	5774	5553	5105	5123	5280	6698	6581	5934	6462	6240	3079	6498	5540	5444	5764	5508	5126	4516	4680	5204	6509	3023	3437	3838	190,609	
1979	1785	1850	1626	1468	1572	2536	2085	1822	2106	2871	2454	2135	1881	1855	1322	1788	2427	3035	3181	2886	2424	2141	2390	2728	2441	2715	3882	3508	3579	70,210		
1980	1213	1913	1973	2786	1820	2415	2303	2061	2151	2249	2279	2308	2257	3353	3963	4506	5409	5787	7808	8429	10845	10988	10360	11462	12736	12006	10495</					

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1981	2001	2396	2020	1776	1841	1773	1750	2018	1789	1868	1796	1650	1669	1646	1806	1948	2377	2358	3210	4740	6506	5998	5352	5347	6148	6153	6813	6289	5695	5877	102,610
1982	4389	3895	3740	3694	3508	3301	3305	3177	2996	3264	3844	6690	9479	9526	9794	8303	7563	7000	6497	6008	5643	5935	6981	9080	10888	12035	12148	12763	13228	12770	211,444
1983	5549	5499	5416	5212	4733	4478	4340	4231	4423	4413	4308	4197	4155	3967	3786	3893	4280	4825	5650	6350	7952	9120	10240	13460	17170	13229	10603	9242	8709	9118	202,548
1984	3502	3489	4159	4478	4627	5082	5574	5584	6572	6422	6083	5359	4961	4848	4927	6088	9101	12940	13688	12510	10343	9635	9705	10718	10020	9667	8233	7286	6493	6251	219,285

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	4890	5168	5018	5531	5646	5678	4968	4609	4612	4308	4367	5129	7386	8408	7496	6193	5543	5536	5708	5101	4809	4875	5676	6643	7222	7181	8861	8155	6497	5834	5620	182,660
1942	3999	4010	3767	3545	3454	3481	3320	3456	3734	4349	4477	4364	4144	4097	4044	4151	4093	3815	3706	3673	4044	4664	6595	9166	8743	10608	10690	8787	7899	6931	6560	162,708
1943	13118	14472	15282	15085	15650	14752	12884	11194	10220	10225	9810	9272	8431	8266	7851	7404	7311	7009	6905	7316	8041	8851	10237	12494	14458	14525	16433	15392	15465	16213	16835	361,402
1944	4472	4415	3900	3741	3793	4412	5143	5600	5514	5168	5134	5178	5509	6077	7039	7632	7270	6542	5688	5036	4361	4248	4142	3824	3550	3409	3269	3789	3721	4432	5576	151,604
1945	5984	6978	8661	10592	11644	10720	9978	9101	9082	9218	10489	9101	8230	8448	7555	6677	7216	7208	6601	5903	5382	5033	4993	5600	6638	6372	6538	6147	6432	6932	7120	236,573
1946	11778	10583	10259	10837	12416	13481	13844	13260	12128	11745	10582	10286	9206	9563	9170	9087	9507	10011	10750	10746	10134	9995	10297	9414	8760	8863	10914	10528	10264	9346	7956	325,830
1947	6899	7787	10947	11509	11660	11547	11766	12725	13838	11347	10891	9953	8473	7965	7504	7733	7063	7056	7143	6705	7403	7922	7782	7407	7316	7548	7862	8080	7846	6708	6497	272,882
1948	4839	4538	3728	4393	4204	4307	5553	6539	6472	5797	5101	4613	5081	5491	6409	7046	8026	10024	11750	12004	11158	9708	9347	9066	9469	11787	12502	14185	15260	13357	11342	252,896
1949	8007	7859	7739	6690	6507	6211	6444	7197	8178	9179	9784	10290	11540	11885	12413	12829	11584	12100	11233	10978	10319	9262	8496	8361	7507	8278	8103	9373	9361	9521	9007	285,835
1950	5296	6568	5497	6494	5130	5004	4336	4438	5086	4557	5445	5562	6917	9553	11897	13368	13673	12924	12338	9612	9297	10852	12137	13534	13021	11443	11008	11542	11799	11580	11627	281,543
1951	9166	8345	7297	7238	7299	8201	5727	12301	11980	12328	12460	13137	12371	10539	9707	8739	9206	10377	11258	11492	11650	11353	12580	12793	13796	12825	12646	13081	14065	12879	10811	342,447
1952	14339	15047	16512	18001	18955	15799	16476	15533	15390	15082	14555	13359	16047	16522	16170	14230	12349	11652	12802	12544	13861	13677	12966	11778	13056	14013	15735	13830	14449	13520	12560	450,817
1953	7935	6443	5512	5136	4732	6975	7543	8156	7593	6041	6151	5339	5134	5266	5443	5816	6208	7529	7119	9554	9160	7865	7064	6757	5481	5115	4725	4821	8039	6181	6098	201,791
1954	7649	6395	5818	6257	6124	8165	8936	9704	10854	11776	13307	12854	11973	11088	10493	10814	11452	12331	12276	13444	14660	13697	11100	9763	8933	8649	7664	6614	5783	5228	4974	229,775
1955	3601	4105	4040	3296	4134	5011	6697	7088	8417	8309	7326	7939	7918	7917	6984	5832	4734	4318	4549	5889	7548	9905	9657	8668	7661	6974	6186	5930	5467	5763	6712	198,635
1956	10218	10200	9871	10211	10496	10826	11384	10702	11094	11328	10238	9987	8960	8698	7933	8258	9716	11258	14370	15780	16976	18860	19581	20134	22949	20931	19423	19484	17472	16500	16839	420,677
1957	9409	10872	11712	11176	10375	9666	11185	12224	12850	12759	13083	12803	13328	13687	13506	13044	13377	13270	16619	16752	16930	12150	11422	10732	9263	8974	9657	10360	11241	12253	12791	376,970
1958	4928	6924	8263	9839	11248	13513	14715	13949	13445	14578	15390	17413	17483	14213	12587	12839	12626	15234	17097	18108	21254	21745	21221	20507	20419	18831	18502	18827	17475	15608	14326	473,187
1959	5870	7805	6827	6045	5108	4994	4463	4717	4858	5013	4497	4591	4796	5934	7852	9040	7963	7080	6054	5228	4541	4930	4240	4322	4512	4193	4039	4271	4133	3900	3901	165,797
1960	3922	4261	4763	5023	5203	5127	5294	6438	6965	6903	8763	10639	11842	11130	8927	7912	7473	6667	6028	5170	5073	4931	4367	4461	3891	3725	3766	3748	4148	4736	5593	187,181
1961	3605	3783	4617	4084	4042	3808	3334	2429	3246	2857	4098	3591	3619	3057	3477	4048	3907	4219	3877	4241	5448	5761	5954	6612	7773	7721	7830	7495	6624	6442	7610	149,409
1962	5923	5454	5382	5560	6148	6512	7110	7186	8119	8257	8418	8076	7119	6456	5976	6170	5872	5189	5656	6199	6284	6047	5717	6431	7609	7251	7021	6491	6557	6308	6731	203,229
1963	5324	5703	5653	5674	5329	5798	6273	6450	6645	6577	6139	5546	5105	5078	4751	4947	5387	5940	6881	8164	8736	9586	10149	11480	11183	10794	10733	9390	9276	9198	9029	226,458
1964	7016	7799	6326	5226	4862	4139	4017	4340	4358	4562	5850	6130	6161	7602	8271	8506	9883	9949	9920	10053	10938	10763	9732	8614	7798	7008	7457	7523	7869	7611	7757	228,640
1965	20503	19705	17118	14545	13382	11788	10434	8291	9438	8986	8298	9611	11222	12687	14355	15060	15555	16142	15039	14140	14144	14677	15194	15156	14067	12773	11853	12018	12761	13026	15728	418,116
1966	2953	2974	3397	4545	5655	6540	7666	8082	7676	8225	7761	7303	5982	5063	5044	4127	4032	3783	3695	3808	4193	4794	5282	4618	4260	4233	4797	5317	5925	6032	6015	163,577
1967	1974	1734	1825	2055	2322	2523	3457	4587	6759	7886	8157	6229	5159	4313	4099	5150	7036	9056	10116	11138	11392	11900	13697	15178	15598	14202	11443	10418	11078	11004	10037	241,572
1968	3707	3910	4448	4102	4785	4681	3950	3401	3149	3253	3505	3970	4484	4568	4106	3518	2842	3045	3392	3931	6212	6092	5605	4966	4677	4540	3949	3628	3703	4058	5318	129,643
1969	8412	8161	7515	7224	7211	8197	9647	11346	12959	14478	15175	15306	15251	14736	15503	15133	14151	12841	13059	12634	11537	10399	10076	10967	11394	12672	13146	12936	10897	9837	9901	362,161
1970	8640	8864	9509	4953	6718	8031	10103	11354	7914	8348	8112	6705	6928	4825	5453	4900	6311	9647	13481	13550	13932	12633	11660	14472	13140	13737	14685	14847	18533	10667	9541	288,505
1971	10959	12680	15962	18576	18600	18022	17645	17624	17953	17779	17985	18414	18899	20253	19203	17182	16564	14143	12074	10706	9830	9058	8672	8910	9231	10126	12161	14400	15838	16027	15741	461,307
1972	8101	7530	7725	8999	10745	12437	12976	14066	14162	12567	11899	11362	11766	12342	13746	14976	15526	16345	14871	13565	13181	12620	11234	10194	9774	9868	9772	10727	12353	14460	16312	376,131
1973	3885	3718	3588	3820	3943	4076	4000	4508	5044	4767	4554	4346	4571	5147	5508	6605	7449	8334	9289	9555	8720	7848	6641	6196	6364	6931	5801	4988	4634	4548	4671	174,109
1974	11206	12060	13114	13253	13694	14674	15890	16728	18469	18091	16513	13957	12490	11306	9885	8978	7937	7541	7054	6713	6493	6444	6581	7363	8120	9012	12265	16120	16950	15057	13059	368,397
1975	4213	4598	5119	7046	6620	5637	5504	4154	5079	6308	8473	11186	10578	12894	15877	19598	20618	18122	17160	16004	11787	10546	9344	9211	8905	9026	7991	8168	8846	9646	11004	302,492
1976	6139	7396	8617	9318	9676	9412	7315	8893	10435	10677	12376	13732	12517	12461	13423	12619	11857	12808	11841	11214	10548	9706	9264	9467	9460	9609	9291	9745	9480	9508	8525	318,525
1977	1675	1604	1777	1449	1484	1343	1405	1359	1301	1207	1365	1572	1333	1414	1381	1331	1426	1512	1276	1257	1275	1646	2352	1685	1863	2042	1803	2065	1576	1377	46,838	
1978	7638	7145	6419	8892	8162	6880	7353	7145	6025	6819	7574	8917	7916	7363	7623	11303	9237	7927	7158	6065	6591	7734	9067	9976	9024	7779	6456	6882	5973			

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1981	7137	8109	8946	7204	6354	5822	4678	4212	4200	3866	3609	3635	3278	3378	3366	3778	3421	3329	3840	4642	6037	5684	5863	6050	6105	7090	8005	7585	7290	7378	7758	171,649
1982	12646	13898	16658	19195	16985	14499	13589	13796	12543	11603	10826	10350	10224	10728	11891	13121	14853	15536	17269	16000	15207	14916	15614	15812	16118	17152	18325	16851	13999	11595	10025	441,824
1983	10563	11256	11308	11578	12338	14091	14161	12504	13700	10616	9489	8792	7662	7213	6998	7259	7242	7767	8935	9858	11192	13356	15010	16334	18592	21071	22715	22503	23432	24294	24121	415,550
1984	5934	5731	6234	6538	6526	6135	5951	5699	5937	6932	8173	8887	10890	14475	18974	22430	17707	15720	11179	14012	15377	15165	14079	13300	13173	12155	11467	12047	12327	13532	16366	353,052

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

JUNE

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	5876	5273	4713	4905	5028	4885	5212	6341	5866	5148	4826	4982	5120	5417	5474	5217	4718	4390	4612	4450	4067	3541	3436	3300	3016	3077	2668	2626	2656	2468	133,309	
1942	6271	5752	5626	5332	6318	6766	8006	9385	9868	9502	8497	7225	6400	6171	6105	6822	6402	5525	5420	5117	4731	4453	4427	4690	4756	4886	4527	4024	3862	3701	181,187	
1943	15597	14754	12362	11286	10258	8309	8350	8004	7816	8370	9666	10493	11513	11171	10305	10063	9048	9378	11871	12584	11249	10070	10859	10635	9768	9435	9483	9715	9320	9755	313,877	
1944	5731	5553	5041	4788	4389	4168	4099	4084	4583	4943	4477	4254	4127	4007	4063	4095	4112	3762	3506	3582	3888	3733	3724	3606	3689	3732	3741	3684	3228	3004	123,863	
1945	7248	7554	8171	8810	8477	7996	7594	7816	6873	8299	7485	6911	6696	6727	6164	5678	5343	5416	5806	6460	7091	7389	7317	7137	6538	6633	5948	5117	4311	3363	202,998	
1946	7950	7533	7763	9115	10131	9775	9365	8249	7785	7457	7621	6965	6209	6199	6482	6365	5913	5539	5244	5054	5103	5241	4827	5035	4566	3994	3917	3467	3541	3406	189,411	
1947	7015	6887	6980	6014	5562	5299	5297	5342	6372	6867	5991	5421	4350	4903	4533	4785	4962	5031	5334	5103	4814	4215	3348	3663	3798	3631	3738	3324	2971	2842	148,620	
1948	10513	10900	11606	12316	11288	11163	11210	10962	10880	10534	10190	9669	9047	8398	7682	7073	6428	5852	5495	4918	5009	5523	4938	4634	4327	4102	4086	3875	3657	3476	229,853	
1949	8699	7652	6564	5665	5905	5817	6324	6597	7045	7415	7043	7446	6959	6315	5459	4899	4940	4513	3798	3618	3623	3421	3111	3262	3094	3073	2911	2608	2619	2377	152,212	
1950	11474	11539	11330	10773	10648	10993	11703	11065	9473	8074	7326	8071	8765	7834	8115	8634	9085	9759	8926	9710	9734	10318	10052	8978	7742	6845	5212	6591	6984	8136	274,141	
1951	9487	8447	7815	6970	6177	7805	6913	6277	5708	5336	5473	6034	7203	7536	8584	9851	10463	10017	9533	8705	8506	7329	7085	6458	6370	5833	6313	5807	5948	5641	270,290	
1952	12410	11937	11735	12713	13471	13830	13581	13854	11973	12614	10938	10452	7689	7938	7471	7157	6311	6438	5554	6755	6336	5373	5548	5239	5373	5419	5276	5236	4724	5238	239,141	
1953	9429	7336	8969	8880	9395	9333	9685	11613	6482	8041	9177	10758	13803	14790	13028	11855	11285	12359	12650	11478	10079	9422	9291	9365	9096	8038	6923	6973	6895	7246	294,478	
1954	5209	4707	4385	4038	4415	4733	4700	4500	4322	4429	4617	4547	4386	4684	5270	6412	6806	6022	5342	5289	5590	6370	6892	7729	7691	7429	9902	7880	6129	5388	169,833	
1955	6665	6734	6046	6080	6573	7172	8291	9501	10435	10478	10018	10242	9799	9361	7923	7971	6687	6408	5760	5910	6345	6853	6183	6245	5718	4168	4196	3928	3926	4104	209,680	
1956	18159	18296	16328	15324	13904	11825	10740	10140	10421	11121	11715	11500	10650	10277	9733	9658	7847	7102	6561	7273	7256	7356	6144	6500	5871	6087	5776	5995	6042	5603	291,294	
1957	12988	13502	14147	15587	15865	15921	15212	13000	11902	10310	9070	8717	8409	7862	6677	6235	5575	5046	5094	5582	5913	5501	5085	5021	5504	4690	5069	5091	5358	5073	259,806	
1958	12658	11471	10461	10328	9788	9513	10055	10402	10439	10045	9345	8848	8282	8774	8230	7494	8033	8428	8462	8155	7722	7191	7000	6967	7002	5680	5318	4764	4585	4083	250,783	
1959	3900	4148	5030	5848	6420	7308	8573	8266	7246	6374	6120	5707	6829	8182	8097	7334	6442	6576	6556	6426	6393	6351	6145	5574	4988	5273	4157	3920	3117	3288	181,078	
1960	6567	7981	8868	9307	9141	8558	7911	7947	7246	6584	6157	6056	6043	5954	5896	6316	5860	5021	4575	4208	3939	3374	3303	3094	3080	2937	3013	2624	2403	2652	166,675	
1961	6072	5981	6129	5680	5577	5919	5686	5769	5372	5475	4961	4923	5095	3595	4531	3622	3459	3333	3142	2832	2500	2296	1987	1937	1762	1738	1707	1359	1273	1116	114,693	
1962	6631	6960	7579	8823	7722	6930	6095	5618	5331	6174	7207	8450	8969	8377	7798	7656	8035	7180	7671	7308	8388	7736	7496	6954	6273	6728	6529	5658	5148	4655	212,699	
1963	9315	8852	8018	7732	7905	7631	6881	6681	6484	7143	6852	6110	6453	7112	7817	8486	8495	8559	7644	7503	7389	7767	6572	5182	5102	4624	4128	4222	4718	4569	205,952	
1964	6911	7508	8650	8933	8534	8456	9027	9249	8072	7337	6629	6329	5640	5471	5289	6545	8214	7688	7064	6263	5613	5641	4962	5106	5478	6052	6564	6288	5414	4981	203,928	
1965	16245	14692	14116	15031	15908	15845	16184	15912	16274	16532	16415	16777	16910	15016	82332	10399	9527	8926	8747	8667	9854	10825	11692	12603	12340	11663	12206	10268	9026	8500	389,444	
1966	5469	4699	4352	3907	3554	3315	3194	3320	3144	3452	3537	3384	2879	2756	2730	3020	3044	3263	2217	3257	2621	2356	2282	2305	2040	1778	1922	1774	1448	1945	89,824	
1967	8946	10050	9084	8166	7859	9244	9134	8763	9211	9332	8758	9028	8307	7998	7893	8286	8355	9786	9398	10077	10865	11815	10859	7954	7429	7070	7048	7771	6969	6458	263,053	
1968	5100	4910	5643	7048	6327	5870	6614	5669	6051	5767	5440	5346	5280	4985	4435	4095	3986	4249	4532	4845	4930	4259	3836	3591	3743	3090	2746	2428	2670	2316	139,303	
1969	10112	9092	8606	8350	9641	10373	10259	9591	8927	8691	8725	8109	7055	6745	6116	5838	5487	4878	4772	4808	4738	4423	4257	4487	4931	4323	3767	3780	3297	3237	198,108	
1970	8806	8826	10123	11832	13419	13446	12755	12889	13370	13097	10574	8591	7795	7415	7225	6986	6592	6511	6717	7689	8168	9474	9971	10018	9589	8723	8315	8810	8764	9516	285,754	
1971	14218	12808	11211	9900	9184	8962	8976	9707	11593	13300	13351	13007	12901	13363	13599	12558	12176	12155	11893	11074	11105	12423	13466	13330	12600	11922	13434	11743	9688	8060	354,307	
1972	17776	13559	12285	17750	16619	15280	15631	17421	18600	18558	18508	16036	13337	11331	10927	11285	11641	11630	11040	9378	8434	8052	8097	8094	7515	6809	6039	5751	6068	6377	372,778	
1973	5003	5023	4986	4391	4411	4039	4259	4626	4936	4953	4948	4222	3795	3862	5323	4665	3728	3541	3221	3029	2720	2718	2667	3068	2621	2614	2610	2620	2538	2404	113,541	
1974	11987	12621	13206	14533	15324	16517	14399	12132	10462	9823	10421	11847	13767	15788	16574	17560	18375	17685	16711	15889	14625	12308	11865	11527	11669	11317	10216	8706	8015	7979	393,858	
1975	12704	14263	16285	17660	19072	15073	16879	17527	14917	12733	11316	11024	11048	12296	12548	13350	13283	11551	10123	8421	7772	7709	7732	8468	9456	7639	8253	7586	6795	6565	348,114	
1976	7949	7263	6825	6929	6821	6625	7664	7060	7117	6748	7544	7175	6277	5884	4933	4377	4420	4893	4883	5120	5322	5058	4695	4527	4771	3725	3920	3439	3191	3688	168,102	
1977	1457	1491	1871	1987	1962	2229	2753	2281	3190	1794	2625	2523	2275	1850	1715	1794	1564	1402	1348	1446	1470	1334	985	1432	733	1046	900	963	942	699	42,330	
1978	6407	6535	6616	6803	7328	8627	9851	10833	11423	11896	11863	7730	6150	8116	8738	8849	7338	7129	7160	7146	6630	7510	6910	7272	7303	6847	5747	5660	5638	6086	235,701	
1979	4430	4470	3834	4504	4983	5338	5122	4621	3821	3628	3511	3638	3876	3911	3671	3727	2928	2853	2838	2671	2369	2480	2425	2443	1950	2138	2213	1824	1942	1213	94,592	
1980	6681	6642	6547	6331	5751	5474	5885	5335	4908	5744	6656	8123	8242	7479	7003	6158	6330	6435	7450	8923												

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1981	7662	6750	6145	5933	5472	5288	5781	6321	9709	9620	6871	5652	5827	4768	4430	3970	3673	3551	3384	3427	3499	3426	3347	3285	2992	2821	2752	2654	2492	2270	143,772
1982	8995	9264	9221	9528	9735	9154	8548	7932	7541	7446	7921	8898	10624	12158	12654	13228	14365	14882	15017	15002	14252	13928	14015	13501	12981	12311	11565	12311	12373	11761	341,115
1983	21968	19863	17767	16984	17511	16652	15852	15474	16134	17002	16620	17426	14772	12537	10936	10946	11239	11034	11442	10237	8901	8218	7689	8436	9826	9260	8614	9741	9197	8440	390,716
1984	18300	15960	13410	11972	11234	10701	10899	10173	9436	8515	7833	7507	7156	7058	7094	7728	8996	10256	10175	10231	12456	11808	10204	9067	9113	10105	10547	10472	10047	10394	308,847

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

JULY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	2322	2243	2092	1988	2114	1578	1751	1612	1641	1462	1425	1359	1289	1414	1279	1385	1197	1209	1147	1133	1088	1083	963	926	1012	892	907	1157	1139	933	911	42,726
1942	4013	4240	4155	3775	3793	3472	3324	3084	2814	2736	2424	2238	2108	2075	1941	1913	1883	1732	1679	1609	1571	1554	1484	1454	1446	1187	1385	1049	1274	1118	1026	69,556
1943	10045	9693	9197	9300	8879	8231	8048	8379	8360	7942	7292	6508	5908	5338	5040	5053	4694	4405	4363	4274	4063	4189	4169	4086	3455	3563	3448	3226	3148	2845	2638	179,779
1944	3009	3102	2688	2700	2403	2513	2184	2012	1856	1978	1809	1680	1737	1605	1432	1576	1544	1403	1508	1233	1387	1378	1418	1156	1221	1478	966	1054	1095	973	1045	55,169
1945	3718	3569	3697	3642	3538	3165	3117	2943	2881	2900	2523	2355	2355	2179	2136	2081	1791	1789	1709	1623	1644	1471	1533	1244	1340	1233	1203	1196	1261	1075	1075	69,520
1946	3334	3363	3476	3227	3104	2957	2713	2600	2587	2773	2395	2246	1949	1825	1810	1555	1820	1720	1568	1400	1659	1496	1298	993	1320	1493	1484	1485	1165	1225	1250	62,960
1947	2782	2548	2736	2656	2687	2532	2413	2406	2537	2125	2244	2144	1825	1807	1814	1681	1557	1504	1404	1350	1360	1328	1160	1145	1128	1112	1097	1080	1065	1065	1033	55,323
1948	3652	3480	3149	2965	2676	2504	2408	2250	2112	2067	1859	1818	1814	1736	1500	1614	1322	1362	1355	1287	1384	1228	1237	1222	1077	966	900	890	920	918	814	54,686
1949	2294	2260	2150	2128	2121	2094	2269	2067	1736	1699	1705	1662	2302	1357	1481	1440	1295	1244	1164	1083	1457	1190	1125	1093	972	902	866	925	1033	829	888	46,771
1950	8217	8402	7729	7344	6707	6356	6114	5721	5235	4323	5143	3939	3924	3506	3215	3369	3035	2818	2518	2452	2039	2219	2040	2053	1089	1907	1736	1862	1755	1529	1408	119,677
1951	5444	5458	5281	5084	5275	4488	4558	3760	3754	3835	3622	3408	3003	2998	2845	2940	2681	2766	2448	2407	2338	2136	2073	1912	1688	1956	1755	2221	1677	1978	1541	97,534
1952	4569	4151	3932	4208	4487	3143	3848	3333	3218	3076	3152	3534	3300	3172	2507	2564	2219	2354	2504	2070	2245	1904	2106	1989	1965	1657	1702	1726	1596	1745	1668	85,749
1953	7247	7169	6741	6586	6778	6412	6905	5985	6033	5369	5284	5022	4683	4618	4497	3800	3229	3205	2872	2749	2313	2386	2327	2097	2154	1909	1883	1931	1769	1604	1678	127,235
1954	5109	4877	4529	4360	4410	4445	4208	4228	3523	3367	3170	3119	2958	2756	2748	2948	2581	2549	2358	2044	1968	2099	1813	1878	1733	1851	1694	1647	1759	1541	1439	89,509
1955	3473	3184	2743	2676	3036	2560	2832	1883	2303	2361	2751	2133	2506	2465	2116	2312	2027	2196	1763	1824	1660	1616	1409	1732	1628	1422	1295	1371	1533	1355	1424	65,869
1956	5291	4759	4458	4281	3976	3316	3949	3804	4021	3266	3583	3423	3858	2854	3341	3069	2438	2619	2616	2203	2504	2516	2360	1941	2194	2032	1974	1712	1981	2036	1447	94,422
1957	4843	4563	4422	3840	3605	3279	3739	2994	2949	2714	2453	2702	2577	2035	2157	2286	1967	1814	1697	1672	1751	1647	1587	1464	1439	1282	1464	1299	1329	1487	1576	74,153
1958	4113	3444	3513	3324	3253	3197	2988	2733	2786	2580	2621	2242	2188	2170	2145	1957	2225	1777	2134	1720	1008	1779	1840	1407	1817	1355	1617	1566	1465	1556	1913	71,233
1959	3072	2569	2524	2726	2485	2262	2345	2267	2176	1814	1888	1902	1746	1671	1528	1795	1538	1323	1340	1423	1235	1435	1201	1170	873	1127	1052	1108	666	1108	1019	52,448
1960	2124	2136	2040	1947	2087	2086	1714	1755	1572	1647	1421	1451	1151	1476	1242	1473	1079	1247	1136	881	925	1132	1104	584	876	763	730	589	1024	392	1005	40,787
1961	1011	985	1669	1379	1260	1002	1311	1066	1021	998	969	1002	1020	995	836	799	900	608	773	776	761	733	754	752	665	630	685	1082	733	562	717	28,410
1962	4588	4326	3991	3533	3329	2993	3096	2914	2549	2827	2431	2345	2388	2241	2261	2074	1950	1682	1772	1638	1631	1608	1568	1597	1457	1536	1890	1523	1366	1343	1209	71,456
1963	3998	3563	3597	3904	3691	3719	3327	3187	3107	3079	2802	2678	2461	1925	2395	2369	2138	1952	1565	2216	1769	1624	1606	1690	1171	1802	1460	1420	1351	1334	1282	74,384
1964	4714	4550	4525	4187	3895	3671	3509	3167	3082	3028	2813	2609	2443	2385	2277	2153	1898	2106	1857	1805	1549	1557	1453	1408	1667	1211	1226	1359	1360	1322	1497	76,473
1965	8567	8759	8336	7977	8208	8593	7919	8033	7635	7867	7118	6426	5829	5229	4902	4894	4779	4570	4694	4397	3935	3836	3732	3302	3244	3072	2685	2903	2907	2458	2616	169,482
1966	1886	1177	1436	1410	1416	1123	1226	1007	786	1108	954	998	862	830	693	651	723	718	165	441	1046	946	382	687	753	720	706	535	532	324	759	27,000
1967	6365	5985	5564	5221	5065	4523	4248	3494	3400	3228	3156	2900	2696	2511	2369	2167	2259	2542	2808	2163	1787	1969	1560	1847	1547	1603	1332	1325	1297	1093	1127	88,641
1968	2081	1686	1727	1601	1587	1725	1527	1446	1560	1511	1451	1454	1379	1230	1136	1126	1183	1103	1034	984	999	879	896	922	911	1020	879	487	831	779	921	38,063
1969	2880	2804	2607	2747	2705	2739	2862	2818	2615	2496	2422	2256	2519	2231	2174	2064	1912	1829	1757	1761	1581	1634	1559	1510	1529	1507	1606	1338	1421	1308	1237	64,478
1970	7892	5629	5432	5384	5233	5293	4873	4392	4056	3828	4584	4173	3339	3165	3018	2664	2800	2501	2534	2096	2128	2180	2213	1894	1960	1949	1611	1681	1604	1651	1519	108,776
1971	7281	7332	7379	7436	7164	6518	6245	6152	5755	5754	5905	5427	5030	4878	4753	4678	4518	4564	4287	4264	4082	3635	3617	3627	3224	2824	2736	2628	2447	2338	2220	148,718
1972	6486	6074	5750	5201	4973	4693	4811	4621	4291	3993	3638	3563	3437	3376	3240	3175	2723	2727	2538	2883	2318	2345	2502	2001	2087	1963	1995	1925	1795	1762	1623	104,259
1973	2191	1957	2107	1641	1735	1620	1405	1597	1160	1039	1420	1170	1143	220	2350	1164	1071	930	879	874	1083	1208	950	1069	876	838	869	704	1036	562	636	32,554
1974	7807	7697	7274	5735	5458	5419	5174	4806	4798	4544	4369	4287	3806	3680	3272	3686	3475	3230	3045	2972	2856	2716	2595	2555	2170	2144	2124	2070	1883	1859	1862	119,368
1975	7192	8292	9012	9540	9837	10405	10178	9674	8608	8215	7805	6628	7216	6701	5717	4728	4466	4165	3732	3245	3188	2998	2780	2717	2504	2061	2223	2108	1877	2045	2598	172,735
1976	3092	3454	3107	2965	2771	2353	2798	2632	2679	2316	2508	1911	2098	2028	1751	1634	1563	1592	1777	2074	2285	1600	1525	1424	1410	1502	948	1110	1372	1079	1278	63,056
1977	817	1037	970	1328	1246	1151	1021	371	845	727	805	704	720	646	648	641	585	650	563	588	550	539	814	577	513	792	740	642	517	628	508	23,374
1978	6457	6451	5620	5819	6223	5061	4520	4771	5071	4785	4532	4637	3735	3820	3568	3871	3529	3369	2882	2446	2678	2640	2425	1937	2267	1253	2470	1945	1864	2324	1352	115,130
1979	1766	1529	1636	1407	1425	1079	1323	1128	879	1267	926	957	1060	804	830	847	817	714	556	647	821	550	1180	1009	659	767	31	614	734	568	541	29,130
1980	5288	5320	5200	5438	5378	4386	4641	3637	3861	3537	3355	3269	2721	2721	2348	2502	2261	2193	2018	2009	1939	2031	1654	1855								

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1981	2174	2404	1829	1830	1834	1942	1991	1804	1591	1633	1330	1166	1628	1249	1215	1260	1243	1176	1106	1169	1135	1085	1015	907	874	882	879	807	729	724	723	41,334
1982	10067	10171	9220	9058	8341	7249	6381	6533	6243	5979	5566	5521	5611	5976	6106	5311	4716	4261	4052	4032	3884	3734	3578	3581	3095	2993	2912	2798	3054	2749	2696	165,468
1983	7898	9571	10624	8080	7130	7130	7568	8039	7998	7267	6769	5498	5294	5223	5387	4678	4105	3906	3790	3537	3458	3340	3463	3432	3545	3210	3030	2722	2555	2596	2382	162,625
1984	9473	7994	7512	6850	7083	6039	5885	5934	5445	4932	4378	4092	3874	3652	3430	3324	3165	2941	2868	2737	2663	2514	2819	3583	2949	2567	2462	2445	2634	2549	2216	191,009

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

AUGUST

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	991	891	848	894	776	760	706	873	706	600	740	1357	1754	1117	913	854	877	861	1240	962	832	878	800	709	854	813	813	701	752	710	654	27,248
1942	1036	1053	1043	1031	827	1049	826	849	949	769	830	705	837	672	906	639	617	718	677	567	574	734	565	674	586	571	602	519	621	635	648	23,395
1943	2472	2509	2404	2325	2303	2145	2016	1848	1868	2033	1608	1490	1672	1704	1570	1432	1519	1397	1320	1192	1269	1234	1301	1105	1311	1174	1220	1160	1125	1136	1100	50,242
1944	1032	1089	1124	1007	865	917	731	675	1018	820	650	665	674	707	647	621	644	703	619	493	579	547	576	546	525	523	599	502	603	511	394	21,632
1945	1113	1029	1248	985	1109	992	1039	1307	979	988	1084	926	890	840	788	853	767	801	635	735	765	746	665	750	515	584	579	570	657	585	291	25,815
1946	1325	1289	1241	1032	1020	1124	1138	993	947	870	867	870	895	684	933	734	989	590	772	811	768	705	934	790	904	919	808	915	879	763	776	28,309
1947	865	900	972	902	913	857	796	799	631	735	737	761	649	733	699	698	696	695	693	692	693	692	691	692	692	690	688	684	709	676	754	23,084
1948	822	842	841	811	789	782	775	759	748	745	751	751	735	715	694	697	693	695	693	682	683	673	675	676	675	677	667	652	644	636	628	22,306
1949	714	1286	686	531	614	519	568	576	606	736	686	737	708	848	738	765	892	780	745	690	617	525	544	602	589	459	600	515	544	549	571	20,560
1950	1557	2489	1707	1301	1602	1840	1591	1597	1323	1350	1472	1452	1300	1400	1136	1127	1017	1025	949	976	1019	1059	945	1010	1094	894	865	960	801	729	725	38,310
1951	1515	1604	1521	1631	1721	1769	1389	1309	1254	1341	1165	1414	892	1130	968	867	816	1110	976	759	841	1461	672	834	1197	994	934	805	840	766	990	35,485
1952	1293	2104	1336	1563	1186	1213	1262	1486	1364	1243	1214	1188	998	1392	1495	804	823	1077	948	1009	1127	980	1305	992	532	571	850	903	633	372	1101	34,380
1953	1336	1670	1619	1409	1501	1490	1492	1230	1206	1137	1027	1203	1314	962	1178	1293	1130	1048	1017	1209	1001	1176	1110	879	959	975	1012	804	1132	989	856	36,623
1954	1329	1415	1293	1140	1100	1350	1152	1263	1219	1191	1196	1163	1273	1139	1300	876	1135	770	1052	746	1105	1324	843	1048	776	926	775	960	960	749	672	33,180
1955	1282	1295	1107	861	947	833	1200	965	1143	1146	937	809	846	1051	1203	731	925	877	966	1004	1023	936	843	611	798	630	778	638	886	863	183	28,377
1956	1502	1545	1457	1749	1389	1216	1096	1426	676	1244	947	914	1199	1038	808	1095	1214	222	1164	474	1180	518	926	818	866	946	934	805	840	766	990	35,485
1957	1264	1088	1165	1007	1461	703	1196	995	838	986	948	765	860	761	728	807	603	842	764	490	786	732	265	746	610	1117	940	189	1104	589	493	25,972
1958	1810	1460	1498	1327	1130	1342	1340	1026	932	1309	1276	892	1061	930	899	1096	661	980	934	998	848	892	731	378	803	690	699	627	992	639	603	30,883
1959	1308	1203	1053	245	735	518	563	952	825	(-21)	1142	262	1044	442	1146	(-229)	837	698	572	1495	1131	898	948	777	856	968	775	800	782	181	1310	24,216
1960	924	855	969	822	879	684	665	557	721	492	852	476	545	623	463	413	966	666	949	537	717	579	706	759	978	914	773	782	759	767	1087	22,879
1961	624	752	639	716	635	809	370	270	493	846	513	554	588	793	715	1036	673	646	478	733	635	688	427	612	653	674	839	608	614	681	630	20,030
1962	1505	1139	1311	1106	1036	1241	1081	1057	533	1380	972	852	725	1164	821	758	698	706	808	938	846	834	893	758	780	813	679	805	785	972	730	28,726
1963	1062	1199	1146	1002	985	924	1025	1047	870	1159	1084	1005	748	947	888	607	759	886	816	1456	93	286	1315	(-5)	815	771	591	732	806	897	719	26,655
1964	1218	1208	1101	1113	1110	1008	941	651	1218	824	801	812	919	831	630	704	691	785	451	717	289	1027	788	689	700	689	391	448	768	688	836	25,046
1965	2318	2516	2383	2333	2587	2085	1902	2097	1674	1755	1957	1480	2720	2653	2042	1913	1773	1656	1505	1804	2075	1853	2112	3175	205	1576	1437	1377	1179	1255	1298	59,163
1966	713	606	713	733	566	855	657	643	689	570	563	678	653	571	593	634	542	626	663	574	689	539	525	527	504	548	655	775	691	571	650	19,526
1967	1308	912	1140	904	745	821	660	689	952	600	1312	300	793	913	681	691	767	766	812	942	939	353	875	675	809	650	629	661	1012	617	692	24,550
1968	791	855	872	917	775	802	747	717	825	922	970	861	872	880	1369	1302	1141	1709	1891	1892	1869	1729	1751	1547	1301	1227	1179	1174	1078	1011	1044	36,100
1969	1203	1130	1183	920	903	1056	997	960	1076	921	732	806	824	859	766	876	747	716	685	769	806	701	555	670	517	696	724	702	686	765	718	25,639
1970	1468	1596	1175	1392	1333	1477	1362	1270	1527	1041	1129	1104	1068	869	960	1128	654	978	886	815	349	746	715	1117	394	696	529	862	829	716	332	30,518
1971	2352	1999	1989	2019	1958	1869	1931	1931	1524	1649	1623	1473	1590	1412	1522	1404	1443	1409	1214	1342	1054	1274	788	1122	1145	1119	954	942	1135	832	1233	45,250
1972	1759	1619	1623	1523	1636	1379	1433	1253	1277	1129	1309	1030	1164	1103	1231	1408	938	1004	948	1159	832	966	885	798	879	847	1154	670	782	762	780	35,438
1973	659	613	743	817	876	700	749	485	813	635	671	688	621	807	555	713	632	601	584	623	665	637	596	600	620	713	724	621	726	866	622	20,935
1974	1694	1658	1728	1757	1481	1762	1463	1657	1571	1438	1414	1411	1295	1223	1264	1245	1124	1065	1085	1105	1238	1206	1136	990	1186	1187	753	856	788	795	902	33,483
1975	2092	1982	1751	1709	1647	1550	1485	1590	459	2316	1373	1360	1122	1215	927	1288	1257	1067	1298	1239	1415	1248	1271	1371	1722	1357	1125	1106	1023	1090	900	42,351
1976	1438	1683	1894	601	1694	1334	1264	1352	832	1066	1034	939	928	1050	852	747	1289	976	1160	1184	1185	988	106	1763	1234	977	1066	1000	888	649	809	34,302
1977	518	501	242	476	510	538	538	500	371	540	507	501	494	555	244	579	565	392	458	555	590	303	478	429	601	664	665	638	625	417	351	15,365
1978	1581	1349	1530	1320	920	1370	934	1133	1077	948	1351	1080	754	1592	926	696	1624	736	1064	883	923	1013	922	590	1665	(-1121)	352	217	1946	932	408	31,873
1979	660	699	591	750	596	597	618	728	491	351	1011	425	777	1362	1285	903	716	687	760	904	857	807	773	690	758	626	612	737	700	531	422	22,456
1980	1230	1473	1285	1053	1213	1149	1270	1070	1048	1040	1178	957	971	962	807	662	861	1003	750	511	1129	750	973	916	777	757	534	641	893	614	820	24,282

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	AUGUST 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1981	776	696	554	419	465	485	579	533	650	413	679	628	660	506	272	584	669	836	704	722	799	786	648	694	709	577	572	639	562	589	661	19,046
1982	2405	2205	2122	2063	1893	1858	1837	1838	1864	1698	1580	1721	1482	1449	1422	1427	1514	1439	1392	1307	1421	1289	1346	1182	1062	1132	984	994	919	986	1044	46,885
1983	2447	2300	2106	2157	2140	1891	1935	1704	1887	1897	2274	2403	2263	2145	1042	1727	1808	1577	1458	1564	1759	1604	1636	1736	1637	1340	1293	1214	1211	1212	1128	54,505
1984	2070	2015	2083	1893	1904	1790	1688	1655	1591	1619	1419	1698	1497	1447	1403	1335	1219	1650	992	1109	1129	1190	1165	977	1198	1006	1063	964	976	992	978	43,715

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
1941	628	610	690	733	613	665	664	666	678	696	658	617	771	763	824	652	730	727	655	708	701	730	730	732	754	708	715	718	582		20,860		
1942	590	698	519	647	559	574	493	571	533	505	620	622	681	634	606	647	627	619	554	775	619	673	596	505	638	546	531	580	481	549		17,748	
1943	1164	1144	1073	1106	1027	1032	957	1034	987	826	809	1008	861	966	842	859	738	753	662	814	631	1019	716	777	768	707	851	844	878	783		26,596	
1944	416	363	575	641	562	728	670	609	577	560	578	764	413	532	432	443	467	546	726	725	680	685	660	629	645	616	611	444	541	688		17,676	
1945	685	629	583	565	528	608	543	508	658	508	659	629	572	538	174	651	625	611	646	667	669	776	995	1352	1028	393	704	681	675	644		19,510	
1946	728	643	628	841	671	764	851	794	881	756	762	687	681	657	578	675	703	926	886	957	841	856	866	864	711	691	593	593	660	805	678		22,636
1947	706	682	686	610	606	562	679	637	636	710	706	698	692	682	678	668	606	652	628	627	650	643	621	599	555	584	604	608	584			19,233	
1948	694	626	621	625	630	634	670	634	578	525	585	644	617	606	595	539	521	517	485	519	497	518	554	576	606	739	771	870	760		18,290		
1949	495	544	503	455	433	508	516	467	515	598	588	732	597	566	602	523	494	579	430	492	475	516	481	571	497	688	442	217	464	780		15,588	
1950	896	632	821	643	507	515	477	541	1024	1752	1298	929	756	817	986	723	922	721	532	1160	849	717										24,088	
1951	756	841	1124	617	775	617	709	570	768	848	643	616	692	904	396	696	736	609	534	318	805	298	729	717	778	833	704	924	706	812		21,275	
1952	873	760	1022	997	666	854	692	727	630	634	856	755	738	2155	1049	739	1014	709	699	1277	965	580	818	461	791	322	1434	1014	542	144		24,977	
1953	834	982	975	1043	835	937	937	938	805	874	923	837	850	636	805	802	583	869	794	709	913	826	706	693	835	790	486	1090	1117	180		24,164	
1954	817	692	659	610	820	529	500	646	636	686	544	709	713	627	860	898	605	1024	860	772	522	702	765	838	577	402	742	595	695	789		20,834	
1955	517	573	605	582	876	381	430	648	567	880	919	714	174	588	529	705	858	929	926	716	235	739	635	880	890	788	879	770	630	734		20,397	
1956	801	1317	499	951	1207	1087	1141	1165	1133	1087	931	988	1039	996	1094	813	684	927	777	598	(-308)	1006	601	1176	825	970	854	936	1041	1524		27,858	
1957	383	908	1223	1448	633	882	956	854	924	926	778	967	800	706	928	917	799	759	848	1109	823	950	1016	885	798	962	1075	643	837	926		26,683	
1958	746	750	1069	1070	1196	1211	989	870	716	1286	1071	623	1131	870	1166	1035	910	910	608	1313	802	541	224	818	825	1117	548	847	835	1115		27,212	
1959	888	919	984	1104	678	482	891	232	469	723	923	670	781	822	1575	1793	1130	711	1523	1743	2087	1388	1467	1071	1218	1497	1804	1581	1498	1165		33,817	
1960	876	657	500	706	1541	877	670	678	690	712	802	783	805	1146	962	1097	817	936	811	976	837	818	858	706	595	1044	280	259	(-62)	725		23,122	
1961	546	629	778	556	634	592	372	633	509	729	761	635	676	559	552	592	701	1050	517	716	722	779	824	747	609	555	469	648	632	584		19,106	
1962	830	799	719	774	742	963	792	670	696	749	775	829	880	836	784	892	889	789	676	711	931	802	887	903	1016	740	752	914	1023	1010		24,793	
1963	1027	1188	920	801	740	858	628	1169	1067	873	783	730	840	784	1015	864	798	898	969	1013	1265	1148	1214	1165	1067	1055	944	848	945	742		28,368	
1964	1017	1203	1251	941	715	827	1167	732	831	654	667	735	788	735	880	1167	1088	687	889	933	859	784	903	965	865	785	849	805	820	857		26,399	
1965	1190	1130	1228	952	1147	1048	1049	1262	2065	1723	1553	1254	1429	1344	1493	756	1889	1156	1367	1384	1306	1242	1170	1297	1296	1226	1174	1040	1180	1276		38,626	
1966	598	629	583	589	570	616	57	585	474	769	1098	591	939	681	580	983	825	815	675	839	628	610	662	120	600	412	706	663	463	571		18,883	
1967	785	725	800	748	609	771	847	763	872	715	821	883	953	723	835	818	739	711	717	783	390	971	495	647	832	746	716	144	1039	980		22,708	
1968	925	974	972	943	905	953	791	1018	961	-91	1316	1327	893	824	788	1004	865	818	835	940	1027	1067	1001	964	958	1006	938	927	876	900		27,625	
1969	769	688	626	669	698	801	815	745	679	773	896	815	845	747	732	806	845	817	789	979	1116	1035	891	787	867	861	827	773	792	798		24,339	
1970	814	710	759	700	828	938	842	469	1289	918	761	806	760	641	980	842	869	810	830	1172	1089	1250	1351	1178	1080	1097	949	1034	950	879		27,475	
1971	938	871	855	1002	1333	767	770	1294	1329	1160	1163	1095	1086	999	1041	963	1033	1028	954	1130	1112	1080	1065	1027	1144	1118	1022	1082	1204	1278		32,023	
1972	803	870	904	801	885	1055	1029	1037	809	874	839	1049	1192	1072	1010	924	966	894	1274	1333	1315	1079	1198	1014	1145	657	1148	1361	1176	1081		30,744	
1973	549	764	761	722	597	676	641	584	888	758	642	662	587	557	613	609	698	754	4	512	1392	1189	837	827	1209	1131	928	943	1662	(-16)		22,680	
1974	770	794	929	708	887	702	690	409	815	1235	1069	1092	1108	1251	786	1017	966	715	1007	962	904	1134	1028	740	873	1070	866	893	911	815		27,146	
1975	359	998	1083	915	858	783	886	815	828	776	602	574	1112	1084	1084	1021	1025	999	975	930	996	904	588	1086	777	1004	866	706	963	923		27,740	
1976	841	820	763	936	845	629	979	857	1128	867	833	1348	1711	1164	1101	1363	1188	1038	1445	1350	1268	1226	762	2096	1179	1311	1430	1078	895	1263		33,974	
1977	525	536	334	409	469	336	412	493	437	482	420	321	467	115	331	-209	554	585	211	825	315	453	878	481	535	740	705	561	593	626		33,974	
1978	871	1107	1006	512	717	1030	2943	1807	1342	1378	1351	1213	1033	356	1514	1890	901	877	1376	1261	1043	1056	1015	806	944	948	1062	1067	971	926		13,993	
1979	764	680	721	640	655	751	718	704	678	206	437	628	683	438	640	662	677	561	525	580	568	716	565	517	621	724	822	716	515	588		33,715	
1980	640	738	802	1145	853	924	851	1029	1037	1035	1275	1436	1031	1320	1270	1826	652	423	541	650	1408	1101	1032	932	994	920	min	777	757	881		14,366	

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981
SEPTEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1981	566	530	609	579	650	582	621	647	575	579	572	624	577	574	500	636	535	587	584	636	550	643	600	630	577	689	791	803	571	779	18,516
1982	1040	974	941	1016	830	535	870	1101	1253	579	1030	979	1174	1117	1176	1208	1143	1039	1021	1610	1631	1259	1114	1058	1061	1167	1312	1115	1217	1088	32,652
1983	1103	811	1256	1190	1130	1231	1390	1192	1323	1245	1116	1170	1175	1167	1120	1171	1045	1109	1050	1295	1106	1091	1170	1091	1143	1160	1042	1146	1105	1285	34,626
1984	1264	1380	1190	1021	1210	932	1303	1464	1441	1320	1468	1132	1335	1171	1161	1199	1134	1170	1138	781	1403	1170	1325	1218	1315	1168	1155	1100	1222	1096	36,346

NATURAL FLOW OF BOISE RIVER
IN SECOND FEET
BEGINNING 1941

OCTOBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	592	699	661	649	748	701	812	797	732	715	591	676	783	804	698	802	849	849	797	855	902	900	761	755	870	840	882	842	914	876	868	24,300
1942	567	748	695	662	697	665	659	684	454	502	457	605	740	744	844	563	683	718	692	895	720	764	720	760	651	626	702	792	737	835	697	21,282
1943	696	701	732	808	678	450	1043	864	845	766	907	1228	940	1122	939	927	1006	876	1012	883	1121	1084	1085	1054	1188	1148	1202	1284	1460	1451	1301	30,901
1944	571	583	702	630	554	718	635	636	619	646	652	635	617	611	652	642	821	807	673	632	598	664	671	674	693	659	958	436	669	638	718	20,414
1945	353	745	778	774	726	715	716	722	581	601	570	773	696	542	865	746	689	717	846	792	814	838	768	777	776	785	800	701	802	819	924	22,911
1946	672	1566	1714	1217	1151	974	940	1064	1013	995	961	991	931	898	932	865	995	910	995	925	936	1134	1256	1407	1201	1244	1238	1220	1123	1031	1118	33,697
1947	536	648	559	703	619	638	645	518	632	876	803	947	941	874	777	822	2138	1452	1234	1063	981	1002	977	947	915	850	813	954	995	1143	1120	28,122
1948	631	616	536	551	715	779	728	755	791	697	698	742	742	750	748	751	778	783	780	781	782	722	738	741	735	736	774	675	686	685	735	22,321
1949	523	572	575	794	757	945	995	893	834	861	939	851	855	817	777	801	825	834	746	749	703	812	825	826	852	803	707	744	752	835	780	24,642
1950	1153	1164	672	1056	1194	796	1258	919	1006	1431	840	1014	(-1111)	1519	968	971	971	971	971	971	974	973	974	971	972	971	718	(-569)	1538	1588	1950	30,870
1951	971	1440	1748	1289	992	1113	1240	1236	681	948	1367	828	1338	1565	940	1752	1489	564	1047	1923	1634	512	703	2189	1316	1247	1554	2152	1275	1177	1422	39,652
1952	649	575	1515	745	854	547	1021	718	1198	565	690	798	489	891	948	855	759	976	789	875	809	1033	1026	753	831	587	892	1249	1315	631	471	26,054
1953	1120	651	838	320	945	660	269	725	668	864	516	931	733	866(-1531)	1483	874	834	911	938	659	916	769	735	906	902	974	628	791	789	691	22,435	
1954	476	1023	737	736	706	880	879	842	870	586	(-133)	1942	679	952	(-610)	1111	1246	907	863	851	905	891	846	849	659	715	1018	883	761	732	824	24,666
1955	982	835	426	380	798	711	587	929	920	1102	194	1254	986	1257	622	1702	660	591	1042	840	621	769	919	722	645	883	698	1023	706	746	1102	25,852
1956	1428	1040	1210	1055	955	1001	1050	956	1066	1386	1095	1440	1132	1153	591	834	767	1098	993	1042	800	909	1055	900	907	1336	1165	1318	1130	1443	1051	33,306
1957	961	852	354	826	(-675)	684	1015	1104	994	932	940	1008	1004	896	1321	824	826	787	740	834	923	1036	950	1020	914	1088	988	1165	753	1076	908	27,058
1958	1068	969	983	968	1033	986	976	470	344	825	746	841	866	851	770	788	785	624	910	865	955	798	498	967	960	900	815	696	748	887	1029	25,921
1959	1375	1133	1082	1038	897	1079	945	1358	1470	2135	1743	1741	1946	1248	1732	1360	1229	1485	1213	1612	1190	1284	2293	1644	1448	1315	1657	1256	1106	1364	43,454	
1960	689	371	550	83	378	684	1291	649	946	841	1051	1422	1067	788	716	715	648	655	790	721	743	742	719	594	824	797	761	509	1030	1020	768	23,522
1961	814	901	565	856	942	964	883	1058	436	487	1211	1020	819	963	801	786	765	686	641	712	707	780	847	805	791	681	1175	1107	1287	725	860	26,075
1962	827	872	748	647	853	329	828	747	937	1148	1471	1452	1927	1567	2636	1803	1389	1570	1213	1234	929	1205	1082	981	954	1091	967	1103	847	783	906	35,526
1963	857	688	737	910	881	755	1003	1209	307	1201	1319	804	785	1123	695	1200	917	803	728	945	723	838	712	795	778	1064	766	643	782	753	779	26,520
1964	599	678	780	782	818	657	804	787	776	904	792	689	548	812	716	950	791	730	778	709	689	735	741	707	816	775	778	913	780	928	742	23,704
1965	1041	1290	1004	1182	999	1285	1016	1133	1135	1052	1171	1312	914	1044	1379	1121	1123	1093	965	993	1042	1004	981	942	1191	1228	665	838	896	609	1076	32,725
1966	651	333	1002	503	537	579	516	710	733	654	617	595	766	707	335	807	884	686	569	605	627	706	772	756	742	707	587	687	470	619	682	20,054
1967	1044	1100	916	1040	871	835	556	1006	1587	1036	927	1077	989	630	895	1133	687	797	670	746	772	1166	639	767	874	717	767	1001	1419	1623	961	29,700
1968	914	870	752	865	879	896	781	864	689	774	800	897	1096	1480	1748	1833	1437	1267	1115	1026	1273	1067	404	857	1161	937	916	1101	912	955	1109	31,615
1969	866	835	950	929	833	870	872	834	(-525)	2460	1202	965	1273	1068	915	927	1060	981	899	853	832	851	881	809	964	920	505	774	892	774	695	28,044
1970	908	804	1003	914	716	855	856	960	869	1046	1178	1413	915	880	858	854	761	915	829	863	1037	981	1116	1568	1137	1129	970	806	903	1015	918	29,977
1971	1223	1282	1187	1186	1246	1121	1212	1502	963	1042	1237	1044	1104	992	1115	1011	1066	1082	1001	1232	1089	1220	1089	1035	1041	949	1124	981	921	926	994	34,217
1972	955	1154	1066	973	1125	1219	1099	1074	1009	1133	1206	1145	1102	1571	1157	1183	1157	1503	913	1080	1095	1009	1041	996	937	1046	1020	985	877	976	844	33,650
1973	924	705	814	681	765	762	769	897	825	809	730	791	775	733	856	656	752	691	617	624	641	690	709	776	897	949	782	776	812	844	814	23,863
1974	1030	946	1002	947	878	1026	946	1011	945	1179	946	928	980	970	894	1254	842	928	848	843	1119	1443	447	714	1008	959	785	996	982	1158	873	29,987
1975	1012	969	902	969	951	106	1024	1185	1007	1051	1017	1447	1258	1092	1161	926	1004	1114	879	1011	1063	1144	1475	1139	1028	1519	1514	1622	1139	1202	1174	34,969
1976	1097	1035	1175	1187	1190	885	1077	1135	926	945	1029	1032	1080	964	814	1121	1204	1082	423	564	851	1039	1096	602	734	855	1212	1173	1052	718	862	30,291
1977	468	1358	738	1175	535	797	710	348	706	822	857	637	670	620	605	633	602	432	643	685	672	689	732	744	751	347	236	242	521	513	554	26,142
1978	816	921	880	1110	992	938	868	791	838	845	1529	905	743	952	865	868	873	704	861	828	807	902	749	808	717	779	622	958	833	955	714	26,966
1979	685	815	525	523	487	514	341	300	431	672	562	528	574	670	406	514	774	745	856	1238	1251	1158	779	812	880	1345	875	813	814	905	747	22,287
1980	876	954	658	602	693	514	714	618	500	414	212	388	665	1114	805	717	706	942	782	415	<											

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1981	811	720	635	647	636	492	474	548	976	851	951	1020	937	846	773	865	654	923	582	527	689	706	711	692	658	786	729	714	700	882	810	22,945
1982	1266	1078	1159	1405	859	1285	871	1142	1087	1086	1167	1167	1110	1060	1041	993	935	1065	958	922	971	1029	1264	1338	1221	1371	2118	1690	1553	1883	1662	37,756
1983	1747	1607	1373	1584	1263	1212	1210	1201	1175	1510	1318	878	1288	1292	1288	1322	1223	1412	1065	1249	1163	1123	1110	1164	1128	1076	1067	1039	1088	1066	1155	38,416
1984	1347	632	1372	1237	1187	1083	1074	1106	1066	1008	876	1260	1395	1295	1200	1135	1234	1283	1201	1056	1104	1079	941	1065	1099	1147	1207	1140	1282	1152	1090	35,368

NATURAL FLOW OF ROUSE RIVER
IN SECOND FEET
BEGINNING 1941

NOVEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	781	821	822	930	1393	1076	1022	894	903	852	802	903	780	894	1387	2533	1934	1566	1420	1187	922	936	850	694	863	958	909	675	1000	871	31,600	
1942	775	901	890	915	897	781	803	921	939	1113	725	747	707	842	944	1562	1158	1186	1150	1007	857	703	858	1128	1793	1534	1246	1442	1412	2098	32,034	
1943	1158	1212	1079	1106	1917	2081	1526	1332	1175	853	1740	1240	1156	1206	1133	1130	1128	967	1087	1141	1106	985	1056	1056	968	1056	959	955	907	935	35,352	
1944	952	1196	917	1007	1406	1314	1050	900	847	1011	1148	1039	928	975	860	870	745	682	577	656	681	731	722	679	802	716	741	747	600	581	26,100	
1945	902	1104	715	807	917	860	812	865	785	740	787	1072	819	840	941	957	992	888	936	976	839	675	580	875	1004	991	1061	1096	1094	905	26,835	
1946	1031	1033	929	844	934	947	1053	971	983	972	1028	937	844	850	944	936	856	947	1115	2186	1660	1484	1328	1706	1608	1503	1713	1457	1522	1676	36,107	
1947	1073	1003	1003	972	911	979	970	1097	1051	961	949	985	859	985	970	993	1022	928	1024	865	754	883	655	771	1011	993	1032	1081	973	998	28,791	
1948	813	1214	1689	1177	1010	947	803	771	765	779	812	817	856	912	932	981	916	883	854	838	818	790	808	803	813	831	815	818	830	784	26,959	
1949	805	700	726	794	680	690	694	774	990	1089	971	841	855	836	911	871	796	734	789	764	726	630	792	1425	1580	1368	1300	1348	1197	1905	28,581	
1950	1073	2011	1952	1253	1350	1264	1461	1647	1640	1352	950	1333	1115	1313	1197	1140	1183	1327	1659	1697	1595	1881	1274	1274	1366	1406	1356	1455	1228	1472	42,224	
1951	1030	906	1003	1365	1001	1304	1073	827	1116	447	147	1470	1072	1368	952	1394	87	1272	53	2770	775	1279	1051	898	886	863	1518	1230	1330	1209	31,716	
1952	401	562	788	1205	800	921	921	778	625	635	523	1159	1188	1634	1240	843	325	947	894	961	643	1021	708	248	853	123	845	946	822	562	24,321	
1953	678	951	844	716	853	798	735	1074	763	749	1072	921	916	803	829	957	776	784	732	528	609	1225	1989	2112	1272	666	1721	1369	1292	1130	29,864	
1954	773	403	949	810	888	743	663	713	717	728	709	914	961	891	903	1181	1329	1059	907	875	1050	803	883	786	783	876	749	795	742	506	25,089	
1955	973	847	778	561	910	824	838	702	880	881	1074	1000	858	939	1029	478	613	1034	1315	1115	1028	2455	2255	1371	1624	1335	1216	1209	1730	1373	2413	34,343
1956	1245	1077	1093	1225	906	997	1220	964	1172	1182	1213	1248	1087	1024	934	841	1052	1114	1167	736	1048	1316	959	936	701	895	1215	298	1129	1238	31,232	
1957	823	899	1037	894	733	536	682	969	635	792	1181	804	908	1081	1332	827	843	721	432	1252	1201	200	300	1521	413	1067	1053	1339	1058	421	26,074	
1958	606	567	752	930	869	764	1436	2330	1567	1066	1436	1047	1039	1297	1571	824	591	947	862	1345	1495	1612	1404	961	1068	926	448	517	646	975	31,898	
1959	1268	1246	1236	1165	1207	818	1199	1039	1152	978	984	1116	1017	652	518	718	1102	847	1010	1057	873	1112	1141	1276	1154	1232	806	753	855	895	30,426	
1960	554	980	805	836	1038	595	849	735	763	730	737	795	1333	1091	748	904	368	1466	1201	1145	923	808	693	985	1226	972	1318	1027	706	590	26,921	
1961	745	806	941	901	1098	467	619	148	1618	546	1192	931	540	689	1031	941	610	546	650	646	1092	839	1327	1142	894	1154	905	971	868	913	25,830	
1962	1429	856	1207	484	1267	784	1066	1083	1031	456	898	1071	1322	1255	1441	522	569	794	941	923	958	1893	1361	1221	920	907	1751	1687	1248	1162	32,507	
1963	689	943	720	832	956	1054	1007	1099	1526	1654	1473	1043	769	1083	1558	1547	1623	1337	936	1296	1109	1207	1043	1216	1044	1043	921	757	1109	905	33,499	
1964	684	774	1180	810	760	696	816	883	851	736	957	988	922	632	589	665	478	576	1132	807	707	642	801	844	1486	1835	1273	1267	1193	1154	27,144	
1965	1090	1006	1047	805	856	1036	884	884	1062	937	849	763	1176	1100	1316	1307	1025	1217	1346	1017	1041	1117	1063	1156	1019	1088	1125	903	862	512	30,609	
1966	539	753	625	652	532	722	931	1061	733	709	741	874	602	908	1554	1010	1061	963	681	667	996	1071	758	389	628	525	492	247	755	1078	23,257	
1967	1213	942	1007	721	832	919	677	856	330	1118	1271	955	1010	874	976	946	1136	832	1143	1254	971	532	936	1091	896	920	888	478	680	1167	27,571	
1968	1076	936	1088	1161	1105	953	931	831	1114	1747	1639	1605	2072	1694	1538	1299	1220	1430	1420	1546	1183	1349	1192	1435	1784	1508	1107	1486	1023	1020	39,500	
1969	600	947	1020	670	920	332	1661	1106	954	676	1058	653	820	712	690	823	1024	915	678	729	765	697	734	671	669	802	671	603	584		23,867	
1970	989	1124	958	941	928	1067	1221	1167	1125	1518	1441	1610	1075	1140	1026	1053	1052	1071	1078	998	853	885	922	1618	5328	6031	3302	2480	2208	2376	48,535	
1971	1104	1214	1118	895	952	890	888	811	1009	1025	955	837	1073	1147	1228	1006	984	815	795	898	912	1134	958	851	1007	1048	1469	1218	1408	1243	30,952	
1972	840	1047	1093	1044	1346	1436	1098	1003	1108	1019	887	903	1167	855	979	987	1004	950	1039	1060	926	795	537	915	952	946	1895	1156	943	861	30,851	
1973	912	1411	818	812	813	1160	1156	1335	1485	1604	1723	1842	3936	3267	2468	2176	2020	2080	1839	1860	1560	1629	1352	1366	1462	1323	1236	1216	1202	1443	48,556	
1974	892	882	905	1000	927	822	948	980	1021	898	1061	853	1231	907	842	901	838	907	1123	924	735	951	778	1064	922	982	828	653	1032	656	27,523	
1975	1073	1204	1149	1167	1206	1152	1237	1205	1246	1274	1174	1183	717	1008	1029	1283	1366	1261	675	870	985	801	976	1159	1132	1113	1244	1116	847	833	32,175	
1976	906	887	937	879	859	831	818	905	758	931	814	781	765	698	681	681	681	681	681	681	681	681	681	681	681	681	681	681	681	681	24,276	
1977	578	676	601	517	683	663	693	553	645	518	509	618	648	681	568	771	723	743	568	540	479	527	450	871	913	1241	1358	1544	1278	1242	22,653	
1978	711	890	723	673	1105	694	674	809	722	702	938	727	702	618	588	624	822	747	831	968	830	800	878	907	690	658	651	885	754	941	23,320	
1979	758	746	667	743	760	753	758	777	676	657	642	654	674	452	651	597	675	681	788	611	457	107	192	1108	1131	1067	740	527	600	780	19,824	
1980	739	831	842	720	666	730	774	1041	1818	1183	1044	1028	736	1374	681	713	716	808	824	937	977	1028	1054	953	982	880	864	840	321	978	28,688	

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981
NOVEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
1981	785	787	758	684	729	694	619	729	735	677	673	716	1304	1351	1489	1576	1938	2425	1938	1320	1442	1542	1575	1785	1529	1237	1147	971	976	896	34,967
1982	1528	1354	1295	1160	1220	1168	1168	1134	1167	1171	992	1341	886	998	809	789	1109	1701	1747	1312	1350	1143	935	587	755	858	1080	1119	1269	1454	34,509
1983	1392	1496	1546	1491	754	1794	1993	2569	1836	1681	1339	3148	2383	1956	1880	1612	1647	2500	2103	1751	1721	1375	1495	1646	1802	1772	1521	1302	1490	1352	52,347
1984	963	1427	1618	1314	1196	1217	1195	1264	1432	1549	1340	1396	2058	2041	1521	1505	1283	1216	1012	1302	1303	1239	1313	1516	1358	1167	1051	1361	1367	1448	40,988

NATURAL FLOW OF ROUSE RIVER
IN SECOND FEET
BEGINNING 1941

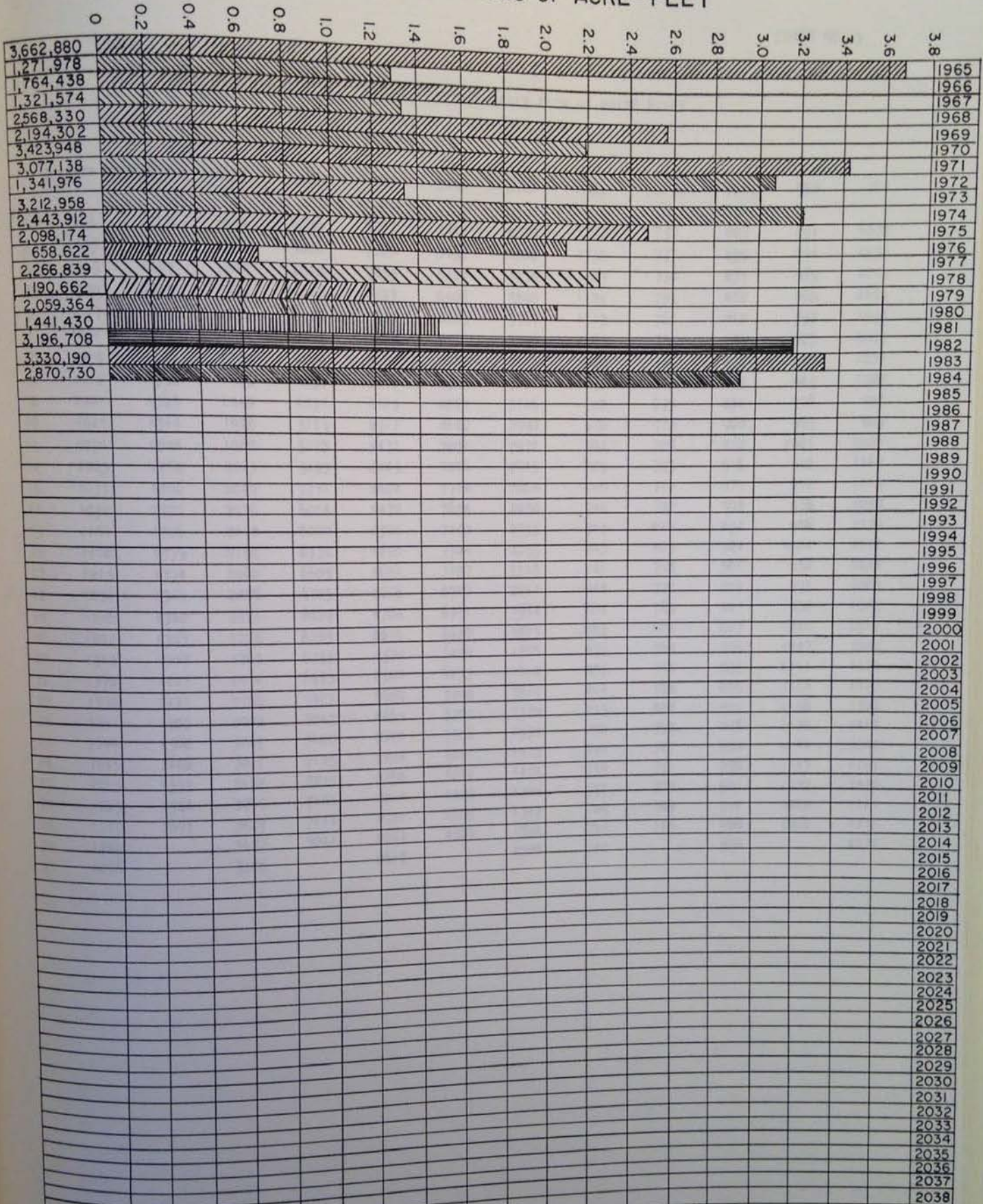
DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1941	943	947	1661	4603	3137	2036	1837	1555	1400	1405	1458	1237	1309	1406	1372	1694	1500	1838	1871	2130	2240	2199	1896	1673	1657	1335	1097	917	1411	1620	1873	53,419
1942	1854	1741	1385	1139	1017	1168	1147	1262	1194	1217	1312	1212	1225	1116	1111	1041	1189	1052	920	942	934	1293	1140	1395	1644	1707	1173	1131	1851	1679	2620	40,891
1943	939	1182	1062	1052	977	1055	965	803	1048	807	656	746	746	746	770	748	739	939	974	1002	1003	1186	1003	943	1056	954	838	628	536	757	994	27,804
1944	805	808	793	686	667	728	736	746	638	407	342	352	396	406	464	505	765	610	640	866	1052	818	1137	906	879	783	615	621	588	906	826	21,451
1945	972	718	616	866	1056	1008	1091	933	819	456	695	856	664	571	568	707	645	1040	833	691	898	893	1243	1173	1130	1000	1206	1505	3667	5249	3587	37,356
1946	1395	1386	1266	1390	1144	1450	1479	1417	1194	1303	1409	1941	3056	4053	4709	3950	2413	1771	1870	1845	1792	1550	1306	1384	1459	1319	1319	1286	1137	948	865	54,696
1947	1182	1165	1100	920	1078	1117	954	951	908	957	622	878	709	995	922	901	811	959	931	844	951	798	792	974	746	737	736	779	961	790	514	27,702
1948	790	846	881	857	849	841	883	882	874	870	930	952	988	999	980	942	892	767	720	739	713	673	702	697	664	652	681	743	804	861	875	25,547
1949	1304	1122	1148	775	799	860	789	842	891	780	701	326	650	903	718	818	789	994	1106	565	729	778	931	907	764	779	795	975	725	739	748	25,750
1950	1398	1398	1485	1441	1551	1451	1561	1878	1630	1645	1760	1650	1652	2108	1284	1179	1669	1304	1206	1181	1537	1246	1326	1283	1304	1502	1248	670	907	1599	1440	44,493
1951	2368	3459	2250	2024	1569	1834	1117	879	711	916	962	1493	1338	1059	1098	754	1072	1273	1362	807	959	2049	2046	1243	1237	629	1252	1145	1739	1438	1333	43,415
1952	723	779	1165	823	753	701	875	1006	902	742	931	938	1424	1071	1096	1443	879	733	444	1164	658	1763	1202	71	227	465	806	1020	1020	922	27,323	
1953	996	1167	917	971	1236	1037	677	1271	960	1221	1025	877	854	854	527	792	1004	968	526	1599	1237	1317	791	503	829	717	1112	673	519	950	729	28,866
1954	309	588	953	1001	682	902	817	859	702	604	707	858	712	913	817	697	454	504	967	1329	246	(-288)	891	601	737	1043	1092	588	966	862	957	23,070
1955	535	1329	854	1401	739	746	1021	1181	558	1205	1160	923	876	919	784	970	897	1458	1641	2250	2221	4106	16700	20551	11314	7381	5053	4416	3637	2732	2871	102,909
1956	385	1145	643	1060	1198	554	733	797	542	483	2817	2027	1978	2196	1817	1811	1316	1170	1588	897	932	1058	1009	605	1332	622	992	309	807	1031	840	34,754
1957	503	609	1285	630	553	1042	1317	1215	689	899	(-127)	1561	864	1238	1019	238	1458	1391	1035	1195	1001	1370	455	(-56)	2216	1268	1033	417	1472	809	465	29,064
1958	809	1308	1419	940	1271	1190	791	1164	1547	951	1404	3044	2870	2586	1169	1251	1932	1401	1286	1009	1382	1356	1401	998	1312	1203	1269	1094	1039	690	901	41,987
1959	871	1051	725	1083	916	495	273	713	548	704	892	844	838	1003	571	829	735	862	931	897	593	685	623	1058	1251	972	814	716	717	353	694	24,257
1960	986	617	1099	1012	840	1310	397	(-309)	671	616	722	679	734	845	924	713	742	1054	1221	935	493	751	892	632	951	955	558	871	860	418	734	23,983
1961	832	1033	874	1052	1024	647	597	597	853	418	701	306	849	706	952	929	813	980	705	1199	818	1295	789	966	1017	752	678	708	833	1044	889	25,936
1962	1027	1132	1674	1987	1547	1338	1057	1415	1034	1168	826	737	806	902	1564	1156	1029	1149	1207	939	1127	994	1234	800	295	414	706	756	976	1145	838	32,959
1963	715	815	774	635	870	495	1073	833	1024	746	999	1034	576	789	985	854	961	862	1124	869	768	763	724	648	687	867	836	840	963	802	595	25,586
1964	1168	1687	1580	1361	1039	949	819	734	816	1226	1288	1034	754	880	1116	989	597	592	651	760	1046	2152	18378	27294	19240	11963	8143	6823	5706	4580	3940	129,405
1965	714	767	1091	1178	976	1193	963	665	783	971	1481	906	941	582	819	766	745	747	501	407	546	576	889	815	1030	924	829	1184	803	879	707	26,345
1966	842	804	784	1012	1147	955	912	679	1156	656	671	1049	666	1088	1283	735	444	670	998	573	1117	553	642	633	605	704	498	368	551	1074	630	24,559
1967	912	871	625	922	730	1014	957	854	698	700	1054	602	692	374	374	410	583	870	954	724	994	740	527	880	1215	940	720	1243	865	766	899	24,707
1968	1132	1183	1018	1251	1038	1290	924	942	1030	1127	1012	1105	1004	753	906	1082	1114	782	943	779	679	893	950	946	1335	1476	1180	1113	822	1040	879	31,784
1969	567	616	727	646	743	722	606	873	835	1131	1155	1256	351	728	1115	536	836	798	831	1017	1074	1426	1307	1266	865	945	919	767	834	355	548	26,475
1970	2435	1989	1858	1877	1493	1578	1638	2589	2722	2743	2154	1602	1423	1719	1566	1729	1766	1443	1116	668	1332	1424	1338	996	953	1283	1122	1277	1703	1364	1297	50,257
1971	980	881	736	1189	1061	1424	1361	754	614	1125	1037	1169	1260	1149	1239	1057	1107	890	972	973	1064	1102	1250	957	1414	1274	1385	1270	122	902	887	32,605
1972	946	205	700	2029	813	546	594	779	884	606	605	670	1033	386	1141	947	1110	1347	1352	1284	1598	1662	1817	1946	1924	1893	1206	1189	1126	1008	1056	34,882
1973	1422	1433	1264	1457	1265	1051	1338	1426	1231	1151	989	1247	1291	1358	1125	988	1718	2059	1987	1701	1373	1866	1844	1712	1697	1594	1145	1809	1417	1511	1540	45,002
1974	707	821	644	1166	1135	1130	905	1104	934	540	532	604	1596	739	773	834	870	1010	816	895	1112	1007	1086	375	733	977	870	681	786	604	1126	27,212
1975	922	1362	1725	1972	1013	1886	1987	1944	2267	2055	1808	1814	1410	1635	1548	1381	1317	1092	954	822	1002	1211	1210	1197	963	1359	1304	1248	1265	1176	1108	43,977
1976	442	913	724	739	759	816	725	733	884	898	797	831	810	696	928	884	677	607	570	556	655	678	423	510	572	465	595	1697	853	571	674	22,682
1977	1318	963	1581	1818	1837	1589	1205	1036	912	959	991	1070	1088	1147	3406	6815	2077	23.0	1924	1622	1925	2264	3186	1016	1020	332	960	1002	902	1376	983	52,524
1978	1024	788	765	780	1816	1212	764	573	660	773	185	646	653	653	719	743	728	735	718	855	710	818	616	864	734	858	680	778	606	478	887	24,438
1979	659	865	737	1051	133	826																										

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1901
DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1901	1025	1116	1151	902	930	1049	1031	1110	1126	1011	1055	1051	970	1161	1411	1501	1402	1084	2837	3275	3851	3725	2636	1702	2021	1864	1904	1795	1557	1641	1289	50,183
1902	1371	1147	1249	1228	1316	1461	1674	1362	1078	953	1073	1070	1184	1386	1449	1654	1257	1483	1377	1382	1824	2866	2813	2046	1809	1693	1805	1433	1203	1080	1018	45,744
1903	1254	1419	1596	1021	860	1342	2456	1650	1685	1820	2348	2208	2362	2158	2139	1858	1490	1232	1713	1249	1023	1578	1112	923	1371	1867	1933	1417	1294	1517	1376	49,272
1904	1234	939	904	852	814	951	872	1116	1286	1595	1368	1245	1215	918	1156	1280	1031	895	534	976	1110	1352	1196	1345	972	1120	1169	1321	1096	1234	1125	34,234

RUNOFF IN MILLIONS OF ACRE-FEET



ANNUAL RUNOFF OF BOISE RIVER
AT DIVERSION DAM
CORRECTED FOR HOLDOVER STORAGE

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 85 YEAR PERIOD, 1895 THRU 1980

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	1101	1213	1679	3686	7003	8543	4329	1243	757	807	891	1072
2	1095	1229	1754	3806	7120	8452	4186	1238	777	835	931	1126
3	1115	1222	1699	4016	7235	8424	4038	1183	770	835	969	1112
4	1030	1315	1699	4090	7523	8408	3888	1124	759	828	906	1184
5	1017	1333	1692	4180	7694	8283	3767	1113	760	814	950	1090
6	1031	1269	1723	4365	7879	8240	3556	1082	744	785	923	1068
7	1050	1256	1739	4626	8089	8305	3453	1043	746	852	958	1022
8	1012	1358	1803	4738	8267	8345	3272	1030	742	873	949	1005
9	1041	1363	1940	4834	8425	8222	3146	982	775	832	976	985
10	1045	1314	1926	5115	8512	8147	2992	976	775	900	985	983
11	1030	1288	1969	5273	8477	7891	2870	984	789	872	1005	1047
12	1025	1278	2013	5435	8445	7806	2743	925	793	916	982	1162
13	1035	1296	2049	5731	8402	7714	2608	946	790	879	972	1113
14	1058	1339	2076	6084	8472	7654	2450	948	787	902	978	1088
15	1141	1326	2112	6290	8590	7449	2355	917	812	854	986	1070
16	1190	1339	2166	6538	8690	7384	2255	883	805	924	1004	1072
17	1215	1374	2260	6605	8681	7187	2116	881	793	901	952	1048
18	1236	1341	2409	6785	8776	6980	2011	848	772	889	993	1029
19	1286	1340	2623	6929	8768	6771	1914	872	763	867	958	1049
20	1292	1395	2725	6783	8636	6619	1825	862	824	887	1041	1017
21	1313	1407	2763	6755	8579	6404	1766	856	798	904	1047	1042
22	1370	1427	2844	6953	8509	6233	1710	833	798	895	1114	1119
23	1358	1421	2906	7023	8499	5988	1649	814	784	875	1164	1493
24	1321	1505	3000	7047	8664	5795	1578	813	802	912	1156	1582
25	1299	1500	3065	7108	8720	5506	1539	790	798	896	1178	1418
26	1245	1486	3091	7185	8804	5281	1475	781	787	902	1144	1242
27	1215	1555	3192	7239	8768	5294	1424	759	751	890	1117	1166
28	1205	1584	3269	7185	8814	4880	1388	751	773	901	1029	1158
29	1177	1695	3423	7114	8731	4669	1345	789	789	914	1020	1181
30	1181		3487	7044	8605	4505	1304	748	785	906	1062	1140
31	1176		3595		8612		1280	740		910		1112

NATURAL FLOW HIGH YEARS
PRODUCTION OVER 2,700,000 ACRE FT.

CHART 3-A

YEAR	AMOUNT PRODUCED OCT 1 - SEPT. 30	HIGH-MONTH	AMOUNT PRODUCED FOR MONTH	HIGH-DAY	24 HR. CFS AMOUNT PRODUCED	INSTANTANEOUS HIGH DURING THE DAY
1895-1896	3,301,142	JUNE	1,464,280	JUNE 14	35,500	
1898-1899	2,914,444	JUNE	731,400	(MAY 10-1899) JUNE 20	19,000 18,700	
1903-1904	3,029,516	MAY	828,600	(APRIL 15-1904) MAY 23	19,700 18,700	
1906-1907	3,207,380	MAY	683,520	(APRIL 15-1907) MAY 19	17,000 13,400	
1908-1909	2,744,790	JUNE	655,220	JUNE 5 & 6	16,000	
1909-1910	2,756,360	APRIL	609,980	(MARCH 22-1910) APRIL 12	16,600 12,000	
1920-1921	2,905,074	MAY	824,038	MAY 17	18,739	
1942-1943	3,563,670	APRIL	1,006,532	APRIL 18 (APRIL 28-1952)	25,040 23,429	
1951-1952	2,866,216	MAY	901,634	MAY 5	18,955	
1955-1956	3,173,886	MAY	841,354	MAY 25 (MAY 1, 1965)	22,949 20,503	
1964-1965	3,662,880	MAY	836,232	DECEMBER 24	27,294	44,000
1970-1971	3,423,948	MAY	922,614	MAY 14 (MAY 16, 1972)	20,253 16,345	
1971-1972	3,077,138	MAY	752,262	JUNE 2 (MAY 9, 1974)	19,559 18,469	
1973-1974	3,212,958	JUNE	787,716	JUNE 17	18,375	
1981-1982	3,195,708	MAY	883,648	MAY 4	19,195	
1982-1983	3,330,190	MAY	831,100	MAY 30	24,294	
1983-1984	2,870,730	MAY	706,104	MAY 16	22,430	

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

CHART NO. 4

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1894-95	54200(8)	54000	62700	78600	68780	103180	243140	335220	225700	152300	63620	50000	1,559,520
1895-96	57040	54380	50780	73440	67660	152560	295040	553382	1464280	395520	81960	57500	3,301,142
1896-97	54220	61300(3)	64600	50520	55240	88000	476000(5)	500000(6)	415000(5)	143300	67220	62520	2,045,930
1897-98	63420	64100	61500(7)	34100	67200	119280	251700	320280	293360	116848	45720	39168	1,482,676
1898-99	53262	56242	151640	160600	78640	113900	425740	600220	731400	356160	109940	60900	2,914,444
1899-1900	83664	90000	97000	125420	100500	305220	380120	510720	300640	84156	53500	51212	2,182,152
1900-01	63570	61880	65060	79440	98340	179320	305900	626460	287420	116400	52222	49704	1,985,716
1901-02	56464	55892	76400	61300	90440	88920	213470	353460	287160	106720	49496	40914	1,480,636
1902-03	45630	54418	63474	81760	63570	143360	448920	520620	601880	147580	53000	46344	2,269,856
1903-04	58554	67800(7)	67800	124000(1)	108000(1)	264140	671840	828600	521060	201920	71772	43830	3,079,516
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200	279820	247660	78860	39870	34660	1,183,050
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980	163740	52410	41070	1,703,790
1906-07	42350	73700	74000(6)	125400(3)	155000(4)	346120	673540	683520	534560	335840	101600	62070	3,207,380
1907-08	57890	55970	63300	67190	63282	141130	382320	370360	324780	197960	64920	55524	1,844,626
1908-09	68440	59280	58000	138160	110680	228840	473220	605240	655220	226800	63690	57220	2,744,790
1909-10	63140	200560	124760	79900	66600	566900	609980	511760	310360	110040	55970	56390	2,756,360
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740660	233040	74906	59636	2,494,052
1911-12	66670	66700	63500	78420	76120	99580	340920	684180	677560	173980	83380	66080	2,477,090
1912-13	66960	67820	60600	53800	51400	101800	374960	573740	413420	158660	82964	54290	2,060,494
1913-14	63524	80180	61384	71196	74968	216040	469040	553660	307700	124130	58742	52654	2,133,218
1914-15	69684	58366	44800	57580	57726	94782	196558	274128	191900	83872	40926	39672	1,213,994
1915-16	42410	45626	53346	49930	63762	197486	555062	563752	594764	293818	80102	53896	2,593,244
1916-17	59106	54020	53702	47628	47694	61740	267082	654156	643322	260216	65224	43950	2,257,840
1917-18	46004	49506	128592	113828	77736	181442	346040	409954	462460	112526	56292	51122	2,035,502
1918-19	64292	56578	49118	50532	52844	114916	395854	509192	240872	69736	36404	34262	1,674,600
1919-20	47968	56548	53010	66528	66714	89254	189044	449730	333468	117324	40586	39234	1,549,408
1920-21	59966	75678	67106	112422	94098	271472	394484	824038	710728	175590	62908	48784	2,905,074
1921-22	55492	78176	89958	60982	53180	113692	319642	752474	659864	148066	65210	47374	2,444,710
1922-23	52168	48886	52872	62094	50860	92700	273726	454010	376208	192504	67552	42946	1,766,526
1923-24	61592	52930	51286	48954	72446	63590	136450	243200	76732	35296	24426	25320	892,242
1924-25	39218	53862	42912	48414	129306	192378	501862	700486	367370	152598	60730	47302	2,336,518
1925-26	58424	51382	63482	48416	64264	140450	232784	247930	104636	42192	30858	21480	1,114,298
1926-27	74882	67640	84702	62700	107342	185560	374434	660044	729736	234042	74454	57570	2,673,106
1927-28	67804	143162	98102	90026	79090	276560	316008	852194	305760	115962	51846	38016	2,434,590
1928-29	49856	50404	46770	46690	49214	106934	179238	359536	205968	96482	35716	31002	1,338,510
1929-30	39736	36848	69548	44778	64388	103616	274178	295246	257700	77726	44922	36050	1,344,356

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906

(3) SUBSTITUTED FROM 1900

(4) MISSING DAYS SUBSTITUTED FROM 1900

(5) MISSING DAYS SUBSTITUTED FROM 21

YEAR MEAN

(6) MISSING MONTHS SUBSTITUTED FROM 21

YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEARS

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1930-31	54512	45418	44108	44814	45298	91246	177172	251538	110844	34042	23952	23940	946,884
1931-32	31424	31224	36376	38612	36754	135826	336006	564176	458224	154044	57524	42730	1,922,920
1932-33	39142	56478	40596	43926	41136	64474	239342	341610	538198	106458	43964	32200	1,587,524
1933-34	41684	47684	55556	79680	78948	151696	249648	204008	85624	36200	23570	26072	1,080,470
1934-35	37226	49444	51208	52256	54336	83130	279458	428528	367262	98220	38058	29980	1,505,126
1935-36	33616	38268	37352	44612	47356	100060	577594	625906	319284	79080	43354	38360	1,984,842
1936-37	39772	36600	41556	37568	41728	89870	207358	381192	178996	59986	25948	25746	1,166,320
1937-38	36226	49828	115760	67492	71566	191026	505100	711314	558138	201292	71170	46910	2,625,842
1938-39	60626	67394	60980	52236	47170	164294	320918	341836	136300	60358	28454	30436	1,379,002
1939-40	40474	38398	49268	53858	75724	201512	355842	434480	227258	64910	30808	39548	1,612,680
1940-41	53168	59764	56634	54260	65368	113448	188300	365336	266776	85452	54496	41720	1,404,722
1941-42	48600	63200	106878	62182	63162	87804	341622	325576	362374	179112	46790	35496	1,682,756
1942-43	42564	64068	81782	153190	116564	235138	1006532	722804	627754	359598	100484	53192	3,563,670
1943-44	61802	70704	55768	49412	52610	68894	164000	303208	247726	106326	43264	35352	1,258,266
1944-45	40828	52200	42902	56270	80124	99160	202368	473146	405996	179040	51630	39020	1,682,684
1945-46	45822	53670	74712	79530	65808	218604	639804	651660	378822	125920	56618	45272	2,436,242
1946-47	67394	72214	109392	60364	87278	181276	289400	545764	297240	110646	46168	38466	1,905,602
1947-48	56244	57582	55404	65522	60480	73396	264424	505792	459706	109372	44612	36580	1,787,114
1948-49	44642	53918	51094	49038	45314	146834	416548	571670	304424	97542	41120	31176	1,849,320
1949-50	43284	57162	51500	63202	75010	154776	402618	563886	548282	233398	76620	48176	2,329,114
1950-51	61640	84448	88986	69948	125878	125072	556968	684894	440580	195068	70970	42550	2,547,002
1951-52	79304	63432	86830	68642	77070	103020	677890	901634	518282	171498	68760	49854	2,866,216
1952-53	52108	48642	54646	100936	88486	126730	329356	403582	588956	254470	73246	48328	2,169,496
1953-54	44870	57328	57732	64266	92288	149036	381720	597350	339666	179018	66360	41668	2,074,702
1954-55	49332	50178	46140	46716	40444	55940	129832	397270	419360	131738	56754	40794	1,464,498
1955-56	51704	68686	205818	147212	104470	228258	636502	841354	582588	178844	62734	55716	3,173,886
1956-57	66612	62464	69508	52448	92880	194092	361256	753940	518012	148306	51944	53366	2,424,828
1957-58	54116	52148	58128	53682	121836	124694	323778	946374	501566	142466	61766	54424	2,494,978
1958-59	51842	63776	83974	76466	69702	92542	276734	331594	362156	104896	48432	67634	1,629,768
1959-60	86908	60852	48514	51664	64890	172830	358988	374362	333350	81574	43758	46244	1,725,934
1960-61	47044	53842	47966	47454	58830	91230	172064	298818	229386	56820	40060	38712	1,176,726
1961-62	52130	51660	51872	54554	78326	83072	407856	406458	425398	142912	57452	49586	1,861,296
1962-63	71052	65014	65918	43612	147124	91904	180298	452916	411904	148768	53310	56736	1,788,556
1963-64	53040	66998	51172	52170	53860	71218	262166	457280	407856	152946	50092	52798	1,731,596
1964-65	47408	54288	258810	160396	182606	185530	624180	836232	778888	338964	118326	77252	3,662,880
1965-66	65450	61218	52690	63168	47170	97960	248302	327154	178048	54000	79052	37766	1,271,978
1966-67	40108	46514	49118	65592	60048	83580	138430	483144	526106	177282	49100	54416	1,764,438
1967-68	58400	55142	49414	47040	98090	119292	152728	259286	278606	76126	72200	55250	1,321,574
1968-69	63230	79000	63568	127936	87134	149928	654184	724322	396216	128856	51278	48678	2,568,330
1969-70	56088	47734	52950	127058	101728	149020	189668	577010	521508	205552	61036	54950	2,194,302

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1970-71	59954	97070	100514	156024	167320	211494	548362	922614	708614	297436	90500	64046	3,423,948
1971-72	68434	61904	65210	101004	101026	446586	394274	752262	745556	208518	70876	61488	3,077,138
1972-73	67300	61702	69764	73772	58170	92920	180710	348218	227082	75108	41870	45360	1,341,976
1973-74	47726	97112	90004	130992	90940	253786	599914	736774	787716	238736	78966	54292	3,212,976
1974-75	59974	55046	54424	59334	63858	145754	204658	618984	656228	345470	84702	55480	2,443,912
1975-76	69938	65950	87954	71086	75852	108240	383236	637050	336204	126112	68604	67948	2,098,174
1976-77	60582	48552	45364	44144	40756	43966	76258	93676	99860	46748	30730	27386	658,622
1977-78	40284	45306	105045	80908	89730	224530	381218	470968	470402	230260	63758	67430	2,266,839
1978-79	53932	46640	48876	49294	54958	105786	140420	349668	199184	58260	44912	38732	1,190,662
1979-80	44574	37648	45274	73156	90782	124636	363104	572048	407242	180914	58564	59422	2,059,364
1980-81	42296	57376	69984	76548	86290	115042	205220	343298	287544	82738	38092	37032	1,441,430
1981-82	45890	69934	100366	70410	186474	244858	422888	883648	662230	330936	93770	65304	3,196,708
1982-83	75512	69198	91488	114736	107282	350830	405096	831100	781436	325250	109010	69252	3,330,190
1983-84	76832	104694	98544	82612	94818	228722	438570	706104	617694	262018	87430	72692	2,870,730

EXHIBIT A-1, 3

54,405
504
55,067

CHART NO. 5

140,302
718
141,020

CHART NO. 5

149.051
870
149.241

CHART NO. 5

168,121
1,018
169,139

—CHANDLER, 1997

124,196
858
125,054

CHART NO. 5

42,921
408
43,329

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM THE BOISE RIVER
DURING THE IRRIGATION SEASON OF 1984

CHART # 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTAL
AIKEN	0	88	114	202	186	96	42	728
ANDREWS	696	1584	1386	758	700	1364	120	6608
BALLENTYNE	424	1060	930	1072	1130	1066	388	6070
BAXTER	0	1180	854	1026	1018	1018	274	5370
BOISE CITY	628	1894	1872	1874	1788	1652	750	10,458
BOHMAN SWISHER	144	324	446	368	678	162	56	2178
BUBB (SO. BOISE MUTUAL)	384	434	584	796	758	732	240	3928
CALDWELL HIGHLINE	1206	2372	2690	2838	2718	2254	1154	15,232
CAMPBELL (CANYON DITCH)	422	1392	1714	1864	1892	1908	582	9774
CANYON COUNTY	932	3126	3510	4370	3930	2870	1272	20,010
CONWAY HAMMING	0	88	84	208	234	72	64	750
DAVIS DITCH	96	482	494	560	568	540	64	2804
EUREKA # 2	1540	6998	5856	6890	6538	6712	2362	36,896
FARMERS UNION	1910	11374	11944	13630	12778	9618	3426	64,680
GRAHAM GILBERT	50	102	138	174	156	54	42	716
HAAS	198	834	926	1100	1060	924	412	5454
HART DAVIS	0	658	562	546	642	428	0	2836
ISLAND HIGHLINE	510	1192	1442	2090	2716	3506	1344	12,800
LEMP	110	214	128	232	208	128	56	1076
LITTLE PIONEER	794	1642	1654	1906	1964	1364	542	9866
LOWER CENTER POINT	696	1956	2058	1796	2336	1656	1012	11,510
MACE CATLIN	0	224	292	372	542	344	70	1844
MACE MACE	36	36	0	170	86	60	30	418
MAHMON	0	236	418	480	522	376	96	2128
MCCONNEL ISLAND	1284	3026	2576	2474	2154	1928	718	14,160
MCMANUS TEATER	0	64	104	260	246	190	38	902
MIDDLETON	3284	10646	10022	11762	8938	5990	2466	53,108
MISCELLANEOUS	1168	1436	1780	1870	2036	1716	816	10,822
NEW DRY CREEK	548	3280	3422	4048	3914	2386	958	18,556
NEW YORK CANAL (B.OF C.)	64682	133394	142040	167120	167746	124406	43856	843,244
PARMA	840	1866	1700	1386	1180	762	288	8022
PENITENTIARY	0	74	476	468	436	190	50	1694
PHYLLISS	8854	25794	26836	31290	28284	14990	5340	141,388
RIDENBAUGH	8052	30114	30278	32624	31888	25458	6878	165,292
RIVERSIDE	7740	10172	12870	12572	11984	11242	5336	71,916

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM THE BOISE RIVER
DURING THE IRRIGATION SEASON OF 1984

CHART # 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTAL
ROSSI MILL	176	618	516	540	484	566	236	3136
SEBREE (FARMERS COOP)	1822	11348	14758	20032	18688	12004	3686	82,338
SETTLERS	378	7334	8942	11480	10836	6234	560	45,764
SEVEN SUCKERS	0	72	92	88	76	64	0	392
SIEBENBERG	54	782	410	640	826	476	28	3216
THURMAN MILL	276	1338	1738	1850	1786	1596	600	9184
UPPER CENTER POINT	168	954	918	1096	1234	642	212	5224
WARM SPRINGS DITCH	168	238	308	350	434	364	194	2056
TOTAL	110,270	282,040	299,882	347,272	338,318	250,108	86,658	1,714,548

THIS CHART SHOWS ONLY THE CANALS WHICH HAVE HEADINGS FROM THE BOISE RIVER.

SOME CANALS DIVERT THEIR WATER THROUGH ANOTHER CANAL.

CHART # 7 AND # 8 SHOW ACTUAL AMOUNT DIVERTED BY EACH DECREED CANAL OR USER.

MISCELLANEOUS IS A GROUP OF INDIVIDUAL USERS.

PIRE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1967

NAME OF CANAL	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
ALLEN		1212	1122	1336	914	1112	1370	1212	626	1236	1034	966	1274	1086	1000
ANDREWS		8042	7208	9240	7670	7878	5702	8238	7442	5022	7658	5126	6508	6838	6008
BALLENTHINE	5148	4518	6094	6040	6418	6108	6364	6468	5964	5418	5254	5470	6070	6078	6078
BAXTER		4460	3210	4100	4966	4464	5042	4180	4364	4206	4182	3470	4042	5322	3482
BOISE CITY	9812	10430	11110	10552	12738	12438	11614	12358	12038	11418	8840	9554	8866	9538	10248
BOISE VALLEY	19988	19124	20358	17462	17546	13494	15840	20544	12978	13273	16392	18172	18352	15212	15134
BOONE			106	0	0	0	0	0	0	0	0	0	0	0	0
BONNAR-OWSER		3474	3038	2044	3664	2956	3506	3028	2340	2560	4038	3182	2714	2748	2064
BUBB (SOUTH POISE MUTUAL)	5390	4452	4098	3738	4178	3698	3326	3986	3342	3936	3124	4220	4348	3876	3126
CALDWELL HIGH LINE	21440	17308	19044	16440	15438	16356	16534	15592	17088	16270	18330	17704	17538	18382	17162
CANWELL (CANYON)	9344	9336	11258	11054	12100	12838	10354	12218	9874	9248	5206	6226	3976	3050	3172
CANYON COUNTY WATER CO.	24268	22428	24682	23306	26078	26794	26026	23998	22876	22866	19552	20054	21240	21602	21144
CAPITAL VIEW IRRIG. DIST.	2072	2142	2730	2440	2222	2524	2450	2524	2208	2448	2772	2772	1648	2614	2204
COMAY-JIMMIE		1238	1304	832	674	782	1074	732	714	846	670	1072	718	718	742
DAVIS DITCH	3834	4680	4124	4038	3762	3978	3584	3710	2722	2748	2660	2794	3152	2670	2878
EUREKA WATER CO. #1	7574	8456	10568	10572	10236	9338	10890	10412	3670	6738	7666	8030	7076	9540	8708
EUREKA #2	32866	36268	31052	32352	35338	39478	37924	36616	32044	31344	27556	33180	34772	36556	37808
FARMERS UNION	51008	49316	52656	53180	56308	54104	54050	56640	59926	54029	45492	48520	46862	48806	46806
GHAMM-GILBERT		648	676	534	294	386	1022	522	106	566	818	464	900	406	888
HAAS		4294	3330	4058	4084	4156	4962	4280	4586	4674	4944	3914	4412	4068	3632
HART-DAVIS		5776	4382	3702	2782	2622	3320	2618	2746	2736	2458	2226	1642	3062	3702
ISLAND HIGH LINE		13914	15988	15850	12972	13418	14308	15538	13636	15158	12614	15102	13874	13874	16222
LIMP		2980	1504	2174	840	1168	1880	1118	954	926	1064	1134	1416	1012	1270
LITTLE PIONEER	11282	9114	14052	16556	12964	13410	12994	14238	9930	10226	8506	9800	1652	11772	10456
LOWER CENTER POINT	12702	11252	8676	9668	9370	10638	10628	13172	11428	10338	12510	9600	11308	10532	11778
MACE-CATLIN		2428	2408	2802	2584	2788	3670	2552	2242	2042	2786	2470	2806	2130	2590
MACE-MACE		1114	814	758	372	324	716	390	434	282	216	424	374	202	730
MANNON		1162	1384	1704	2072	1802	1632	1624	1670	2152	2138	1974	2460	2562	2742
MCCONNELL ISLAND		10832	12894	15302	13102	12934	9700	17442	12582	14472	12382	12356	12132	18008	14836
MCMAHON AND TEATER		1340	1564	1156	1112	1424	1564	1774	1244	1926	2224	1356	1270	1138	1266
MEEVES #1		612	690	846	570	740	664	766	626	700	0*	0	0	0	0
MEEVES #2					250	252	48	158	146	604	0*	0	0	0	0
MIDDLETON WATER CO.	27928	29133	31028	32880	30384	31547	29999	30628	30801	20636	26130	22344	26554	24226	26064
MIDDLETON HILL DITCH	20274	21097	22458	23810	22436	22845	21723	22178	21725	20736	18922	16180	10222	21576	14874
MISCELLANEOUS	3962	6102	9960	3278	2650	2222	2706	2624	3378	3386	4534	4774	4774	4774	5448
NEW DRY CREEK	19088	19364	21764	19110	19690	17346	17840	19492	16312	12838	12860	15354	16216	16808	15318
NEW UNION	5158	5118	4024	4002	4474	4262	4720	4690	4214	4130	3056	4402	2932	4172	3832
NEW YORK CANAL (R. OF C.)	908206	851014	930788	885602	947652	868448	851016	939782	810384	872866	533110	827472	874782	828612	775676
PARKA		7462	6984	8678	8402	8426	7652	6388	5804	7136	5090	5090	5090	5090	6722
PENITENTIARY	1754	2114	2008	2342	2720	2404	3256	3006	2402	2086	1830	1838	3054	2040	2468
PHYLLIS	123032	105940	132490	128930	128064	132206	120328	124672	119654	134374	92712	116042	118184	123068	118114
PIONEER DIXIE	24106	24266	23618	23300	22500	23856	20362	29380	26346	28380	20838	20838	20838	20838	20838
RIDGEMOUNT	174206	167182	177208	175524	176718	181950	175826	175218	163532	12178	168042	159510	159510	159510	159510
RIVERSIDE	57026	54790	51356	45538	57780	69600	60728	50162	57094	56780	52773	50084	52386	56236	53866
ROEDEL		1780	610	608	800	312	88	0	0	0	0	0	0	0	0

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1967

NAME OF CANAL	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
HOSE MILL (SOUTH BOISE CANAL)	3232	3702	3478	3212	3428	3340	3244	3326	3188	2844	2398	3122	3208	2838	3102
SENTE (FARMERS CO-OP)	105780	101228	94108	91202	95350	96446	98650	99316	88772	88328	84128	86608	89102	84852	88116
SETTLERS	52424	51430	51430	55450	56316	57818	51838	55072	47994	48144	43550	46356	47382	44118	46810
SEVEN SICKERS		1330	788	664	762	602	470	420	572	548	458	318	428	428	418
SILVERBERG	4280	3736	4378	4256	3310	3338	3724	4478	3850	3724	3512	2604	2774	3610	3316
THORSON HILL	10512	10198	11564	9102	9642	10608	10330	8520	8244	8958	9706	8462	10440	10218	11102
UPPER CENTER POINT	5270	5518	5186	5322	5094	6136	6914	6830	6772	6474	6786	7652	6732	5710	5522
WARM SPRINGS DITCH		2558	2116	1528	1936	1658	1910	1650	2432	1734	2114	1704	2074	2058	2148
TOTAL SUMMER DIVERSIONS	1785410	1755632	1870648	1810584	1882374	1832428	1790182	1900080	1756648	1772194	1292966	1664534	1704048	1705570	1,675,624
STORAGE WATER USED		581723	555489	471312	418822	422038	461186	475174	418205	500326	594749	400908	619728	495184	600036
SUMMER RETURN FLOW USED	428828	253799	385530	433236	485686	483054	236678	451392	446230	473054	325246	473078	373632	414320	470274
NATURAL FLOW USED IRRIGATION SEASON		920210	929629	916136	977866	927336	1092238	973514	872213	796068	386404	826548	718888	745116	614218
FLOOD CONTROL & OTHER LOSS TO IRRIGATION SEASON	0	0	239554	324066	909339	823610	0	1598234	459022	485244	0	432945	0	384000	374870
LOSS TO THE BOISE RIVER WYAHWA		237060	783482	573559	1336242	1073714	(LITTLE)								
OUTFLOW LUCKY PEAK RESERVOIR (APRIL 1 TO OCT. 31)				1823244	2541080	2266804	1400638	3046922	2215670	1784384	964690	1660401	1330416	1226799	1,413,514
FISH & GAME	37050	18772	10290	16126	12056	19554	19195	34046	42870	19340	27064	23100	38116	43100	47000
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	93370	27416	0	4272	0	62902	100148	136988	38334	36742	0	128800	4176	70736	17840
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM TOTAL YEAR	0	0	207378	920626	1969314	1810036	0	1598234	593024	754804	0	438556	0	384000	374870
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31	1785410	1802740	1880338	1831082	1894430	1914804	1909142	2071114	1837852	1827776	1320030	1816434	1746580	1818806	1,758,704
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	1487002	1364416	2519304	2295068	3361938	3080356	1378052	3147560	2498310	2028830	694759	2225652	1170710	7019574	1,413,514
TOTAL LOSS TO THE BOISE RIVER WYAHWA		454788	1527244	1218344	2528166	2110052	(LITTLE)								
TOTAL OUTFLOW LUCKY PEAK	1647352	1466906	2384236	2102878	3366602	3159410	1551496	3044022	2433876	2109526	997852	1877712	1362518	1814414	1,413,514

YEARS 1950 THRU 1966 IN PREVIOUS REPORTS

THE GEOLOGICAL SURVEY IS KEEPING RECORDS ON THE RIVER AT WYAHWA AND THEY MAY BE OBTAINED FROM THEM.

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

CHART NO. 1

	BEGINNING 1967														1965
NAME OF CANAL	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
BOISE HILL (SOUTH BOISE CANAL)	3232	3762	3478	3212	3428	3340	3244	3326	3188	2844	2398	3122	3208	2814	3000
SERFEE (FARMERS CO-OP)	105780	101228	94108	91292	95350	96446	98650	98716	88442	88328	64128	86108	82102	84852	82346
SETTLERS	52424	51430	51730	55450	56316	57818	51838	55072	47994	48144	43550	46356	47382	44108	46810
SEVEN SISTERS		1330	788	664	762	602	470	420	572	548	458	318	428	448	478
STERNBERG	4280	3736	4378	4756	3310	3338	3724	4478	3450	3724	3512	2604	2774	3610	3416
THURMAN HILL	10512	10198	11564	9102	9642	10608	10330	8520	8844	8858	9706	8462	10440	10248	11852
UPPER CENTER POINT	5270	5518	5186	5320	5094	6136	6914	6830	6772	6474	7652	7652	6712	5710	5572
WARM SPRINGS DITCH		2558	2116	1528	1936	1658	1910	1650	2432	1734	2114	1704	2074	2058	244
TOTAL SUMMER DIVERSIONS	1785410	1755632	1870648	1810584	1882374	1832428	1790102	1900090	1756648	1772194	1292966	1664534	1704048	1705570	1,675,624
STORAGE WATER USED		581723	555489	471312	418822	422037	461186	475174	418205	500326	594749	400308	619708	495114	480046
SUMMER RETURN FLOW USED	428828	253699	385530	423236	485686	483054	236678	451392	446230	473054	325246	477078	373630	464320	450070
NATURAL FLOW USED IRRIGATION SEASON		920210	929629	916136	977866	927376	8092238	973514	852213	796068	386404	826548	710688	745136	614718
FLOOD CONTROL & OTHER LOSS TO IRRIGATION SEASON	0	0	235554	324006	909339	823660	0	1598234	459022	485244	0	432945	0	384800	774800
LOSS TO THE BOISE RIVER WAPPA		237060	783482	573559	1336242	1073714	(DILE II)								
OUTFLOW LUCKY PEAK RESERVOIR (APRIL 1 TO OCT. 31)				1873244	2541080	2266804	1400638	3046922	2215670	1784384	964690	1660401	1330416	1226590	1,448,514
FISH & GAME	37050	18792	10290	16126	12056	19554	19195	34046	42820	19340	27064	23100	38116	43700	40000
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	93370	27416	0	4272	0	62902	100148	136388	38334	76042	0	128800	4176	20016	2488
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM TOTAL YEAR	0	0	209378	920626	1969314	1818036	0	1598234	593024	754804	0	428556	0	984870	774800
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31	1785410	1802940	1880238	1831082	1894430	1914884	1909145	2071114	1837852	1827776	1320030	1816434	1746140	1818886	1,758,704
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	1487002	1364416	2519304	2295068	3361958	3080356	1378052	3147560	2498310	2078830	694759	2225652	1170710	7033574	8,407,164
TOTAL LOSS TO THE BOISE RIVER WAPPA		454780	1527244	1218344	2528166	2110052	(DILE II)								
TOTAL OUTFLOW LUCKY PEAK	1647352	1466906	2384236	2102898	3366002	3159410	1551496	3046022	2432876	2109526	997852	1872412	1362518	1834414	1,600,388

YEARS 1950 THRU 1966 IN PREVIOUS REPORTS

THE GEOLOGICAL SURVEY IS KEEPING RECORDS ON THE RIVER AT WAPPA AND THEY MAY BE OBTAINED FROM THEM.

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING 1982

NAME OF CANAL	1982	1983	1984
AIKEN	856	912	728
ANDREWS	5124	4932	6608
BALLENTYNE	5410	7380	6070
BAXTER	4002	3834	5370
BOISE CITY	10224	10364	10458
BOISE VALLEY	18088	16630	15698
BOWMAN SWISHER	2666	2886	2178
BURB (SO. BOISE MUTUAL)	3186	3214	3928
CALDWELL HIGHLINE	15252	17200	15232
CAMPBELL (CANYON)	8164	9272	9774
CANYON COUNTY WATER CO.	21816	19580	20010
CAPITAL VIEW IRRIG. DIST.	2374	2570	2372
CONWAY HANNING	730	620	750
DAVIS DITCH	2718	2554	2804
EUREKA WATER CO. # 1	10468	10486	10526
EUREKA # 2	34944	36440	36896
FARMERS UNION	46212	45140	46610
GRAHAM GILBERT	670	682	716
HAAS	5122	3760	5454
HART DAVIS	2752	2078	2836
ISLAND HIGHLINE	17504	15828	12800
LEMP	996	936	1076
LITTLE PIONEER	10128	10958	9866
LOWER CENTER POINT	10876	12080	11510
MACE CATLIN	1830	1712	1844
MACE MACE	226	112	418
MANNON	2086	1790	2128
MCCONNEL ISLAND	14746	13816	14160
MCMAHUS & TEATER	1004	950	902
MIDDLETON WATER CO.	29766	28880	30800
MIDDLETON HILL DITCH	21554	20916	22308
MISCELLANEOUS	4514	11728	10822
NEW DRY CREEK	12634	14368	14042
NEW UNION	3782	3964	4514
NEW YORK CANAL (B. OF C.)	859944	857210	843244
PARMA	6608	5986	8022
PENITENTIARY	2702	2022	1694
PHYLISS	132044	127930	130862
PIONEER DIXIE	29672	25764	23970
RIDENBAUGH	166456	166240	165292

BOISE RIVER CANAL DIVERSIONS IN ACRE FEET

BEGINNING IN 1982

NAME OF CANAL	1982	1983	1984
RIVERSIDE	59346	58320	47946
ROSSI MILL	3146	3578	3136
SEBREE (FARMERS COOP)	84336	78584	82338
SETTLERS	48018	45326	45764
SEVEN SUCKERS	468	380	392
SIEBENBERG	3644	3434	3216
THURMAN MILL	9168	8506	9184
UPPER CENTER POINT	5464	4122	5224
WARM SPRINGS DITCH	1392	1656	2056
TOTAL SUMMER DIVERSIONS	1,744,832	1,720,850	1,714,548
STORAGE WATER USED	406,616	440,316	518,256
SUMMER RETURN FLOW USED	487,500	504,954	502,716
NATURAL FLOW USED IRRIG. SEASON	850,716	775,590	693,576
FLOOD CONTROL & OTHER LOSS TO IRRIG. SEASON	627,006	889,946	874,380
OUTFLOW FROM LUCKY PEAK RESERVOIR APRIL THRU OCT.	2,371,838	2,610,796	2,588,928
FISH AND GAME	19,960	15,600	0
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	26,316	3800	1000
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM TOTAL YEAR	1,333,738	1,656,818	1,291,320
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31	1,791,108	1,740,250	1,715,548
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	3,216,716	3,374,062	2,810,017
TOTAL OUTFLOW LUCKY PEAK	3,078,570	3,397,058	3,006,938

YEARS 1950 THRU 1966 IN PREVIOUS REPORTS

THE GEOLOGICAL SURVEY IS KEEPING RECORDS ON THE RIVER AT PARMA AND THEY MAY BE OBTAINED FROM THEM.

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS
FOR EACH IRRIGATION SEASON FROM 1965
(AVERAGE TAKEN FROM CHART NO. 9)

NAME OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972	1973	1974	1975
ALLEN						236	5.14	236	4.75	236	5.66	236	3.57	4.71	5.53	5.13	5.65
ANDREWS						1068	7.53	1068	7.22	1068	8.65	1068	7.18	7.38	5.34	7.71	6.77
BALLENTYNE	763	9.04	763	6.99	6.75	763	5.92	763	8.24	763	7.92	763	8.41	8.01	8.34	8.47	7.80
BAKER						200	2.23	200	16.05	200	20.50	200	24.83	22.30	25.21	20.90	21.00
BOISE CITY	1828	5.40	1828	5.67	5.37	1828	5.71	1828	6.08	1828	5.77	1828	6.69	6.80	6.35	6.76	6.59
BOISE VALLEY	2729	5.78	2729	8.12	7.32	2729	7.01	2729	7.46	2729	6.40	2729	6.43	7.14	7.77	7.57	4.72
BOONE						517	.21	517	.21	517	0	517	0	0	0	0	0
BOWMAN-SWISHER						424	8.19	424	7.17	424	4.82	424	8.64	6.97	8.27	7.14	6.70
BURN (SOUTH BOISE MUTUAL)	1057	4.23	1057	4.63	5.10	1057	4.21	1057	3.88	1057	3.54	1057	3.91	3.50	3.15	3.77	3.16
*CALDWELL HIGH LINE	3960	5.27	3960	4.25	5.41	3960	4.37	3960	4.81	3960	4.15	3960	3.90	4.13	4.18	3.93	4.35
CAMPBELL (CANYON)	802	15.54	802	13.78	11.65	802	11.89	802	14.04	802	13.70	802	15.09	16.01	12.91	21.46	19.31
CANYON COUNTY	4007	6.30	4007	6.36	6.06	4007	5.60	4007	6.16	4007	6.83	4007	6.51	6.69	6.50	5.98	5.71
CAPITAL VIEW						600	3.57	600	4.55	600	4.07	600	3.70	4.21	4.08	4.20	3.68
COINAY-HAMMING						259	4.78	259	5.03	259	3.21	259	2.60	3.02	4.15	2.82	2.76
DAVIS DITCH	634	7.10	634	6.93	6.05	634	7.38	634	6.50	634	6.37	634	5.93	6.27	5.65	5.85	4.27
EAGLE ISLANDS CANALS	2637	5.85	2134	6.26	6.93	(LISTED INDIVIDUALLY)		1800	5.87	1800	5.93	1800	5.69	5.22	6.05	5.78	5.37
EUREKA WATER CO. #1	1800	5.24	1800	6.00	4.21	1800	4.70	1800	5.87	1800	5.93	1800	5.69	5.22	6.05	5.78	5.37
EUREKA #2	2625	14.67	2625	16.48	12.52	2625	13.82	2625	11.83	2625	12.55	2625	12.78	15.04	14.45	13.94	12.20
FARMERS UNION	8300	6.98	8300	6.04	5.96	8300	5.94	8300	6.34	8300	6.41	8300	6.78	6.52	6.51	6.82	7.27
GRAHAM-GILBERT						200	3.24	200	3.28	200	2.67	200	1.47	1.93	5.11	2.61	3.03
HAS						750	5.73	867	3.84	867	4.68	867	4.71	4.73	5.72	4.73	5.29
HURT-DAVIS						453	12.75	453	9.67	453	8.17	453	6.14	5.79	1.33	5.77	6.06
ISLAND HIGH LINE						945	14.72	945	16.92	945	16.77	945	13.73	14.20	15.14	16.44	14.47
LEMP						300	9.93	300	5.01	300	7.25	300	2.80	3.09	6.27	3.72	3.18
LITTLE PIONEER	1286	10.33	1286	8.81	8.77	1286	7.09	1286	10.91	1286	12.86	1286	10.08	10.43	10.10	11.07	7.72
LOWER CENTER POINT	880	11.47	880	16.15	14.43	880	12.83	880	9.86	880	10.99	880	10.65	12.09	12.08	14.76	12.09
MACE-CATLIN						536	4.53	536	4.49	536	5.23	536	4.82	5.20	6.05	4.76	4.18
MACE-MACE	80		80	13.93		80	13.93	80	10.18	80	9.48	80	4.65	4.05	8.95	4.87	5.43
MANNION						168	6.92	168	2.96	168	3.64	168	4.32	3.85	3.57	3.47	3.57
MCCOINEL ISLAND						1600	6.77	1600	8.06	1600	9.56	1600	8.24	8.08	6.06	80.90	7.86
MCHAMIS & TATER						168	7.98	168	9.31	168	6.88	168	6.62	8.48	9.31	10.55	7.40
MEEVES #1						90	6.80	90	7.67	90	9.40	90	7.81	10.14	9.10	10.49	8.58
MEEVES #2						26		26		26		26	9.62	9.69	1.85	6.07	5.72
MIDDLETON IRRIG. ASSOC.	5180	5.89	5180	6.81	5.39	5180	5.62	5180	5.79	5180	6.35	5180	5.98	6.09	5.79	5.91	5.71
MIDDLETON MILL	4400	5.02	4400	5.12	4.60	4400	4.80	4400	5.11	4400	5.41	4400	5.10	5.19	4.94	5.04	4.94
MISCELLANEOUS	511	7.25	1428	6.74	3.53	957	6.38	2610	3.82	763	3.12	763	3.47	29.10	3.55	3.43	4.43
NEW DRY CREEK	3059	7.21	3059	6.61	6.24	3059	6.53	3059	7.11	3059	6.25	3059	6.44	5.67	5.83	6.37	5.80
NW UNION	688	6.96	688	7.30	7.50	688	7.44	688	5.85	688	5.82	688	6.50	6.19	6.86	6.81	6.13
NEW YORK CANAL (R. OF C.)	164734	5.23	164729	5.23	5.51	164617	5.21	164617	5.65	164617	5.38	164617	5.76	5.28	5.17	5.70	5.34
PANPA						602	12.40	602	11.60	602	14.42	602	13.96	14.00	12.71	10.61	9.44

TABLE SHOWING ACFT FEET PER ACRE DIVERTED BY BUTTE VALLEY CANALS
FOR EACH IRRIGATION SEASON FROM 1965
(ACREAGE TAKEN FROM CHART NO. 9)

NONE OF CANAL	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	ACRES IRRIGATED	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972	1973	1974	1975
PENITENTIARY	321	7.79	433	6.02	4.51	321	6.59	321	6.26	321	7.70	321	8.69	7.49	10.14	9.36	8.58
PHYLLIS	24362	5.53	24362	5.83	5.13	24362	4.35	24362	5.44	24362	5.26	24362	5.26	5.43	4.94	5.11	4.21
PIONEER DIXIE	2030	10.42	2030	11.52	11.92	2030	12.20	2030	7.87	2030	7.90	2030	7.60	7.95	10.12	9.79	8.70
RIDENBACH	26747	6.65	26747	6.34	6.48	26747	6.30	26747	6.59	26747	6.53	26747	6.58	6.77	6.54	6.51	6.08
RIVERSIDE	10645	4.83	10645	5.18	5.36	10645	5.10	10645	4.82	10645	4.09	10645	5.43	6.54	5.70	5.55	4.95
ROEDEL						160	11.13	160	3.81	160	3.80	160	5.00	1.95	.55	0	0
ROSSI MILL	500	6.94	500	6.48	6.46	500	6.16	500	6.96	500	6.42	500	6.06	6.68	6.49	6.65	6.38
SEHREE (FARMERS CO-OP)	15500	6.23	15500	7.93	6.82	15500	6.53	15500	6.07	15500	5.92	15500	6.15	6.22	6.36	6.38	5.71
SETTLERS	12282	4.14	12282	4.67	4.27	12282	4.19	12282	4.23	12282	4.51	12282	4.59	4.38	4.22	4.48	3.91
SEVEN SUCKERS						70	19.00	70	11.26	70	9.49	70	10.89	8.60	6.71	6.00	8.17
STERENDING	646	6.07	646	8.53	6.63	646	5.78	646	6.78	646	7.36	646	5.12	6.10	5.76	6.93	5.34
THURMAN MILL	1799	5.78	1799	5.67	5.84	1799	5.67	1799	6.43	1799	5.06	1799	5.36	5.90	5.74	4.73	4.92
UPPER CENTER POINT	641	9.05	641	10.63	8.22	641	8.61	641	8.09	641	8.30	641	7.95	9.57	10.83	10.65	10.56
WARM SPRINGS DITCH						494	5.18	494	4.28	494	3.09	494	3.92	3.36	3.87	3.34	4.92
TOTALS	307955	5.69	308604	5.88	5.79	314578	5.58	318135	5.88	316288	5.72	316297	5.95	5.79	5.66	6.00	5.55

* FRANKLIN DITCH COMPANY AND ARSON CREEK DITCH COMPANY LANDS ONLY. THE BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE IS IRRIGATED WITH WATER DIVERTED FROM ARSON DRAIN AND FINE MULE CREEK.
SINCE THIS DATA CAN BE FOUND IN PREVIOUS ANNUAL REPORTS.
THE USE OF WATER PER ACRE IS A GROSS FIGURE, FOR A NET FIGURE TO THE LAND ALLOW ABOUT 20% LOSS.

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

CHART NO. 8

FOR EACH IRRIGATION SEASON FROM 1965
(ACREAGE TAKEN FROM CHART NO. 9)

NAME OF CANAL	ACRES IRRIGATED	1976	ACRES IRRIGATED	1977	ACRES IRRIGATED	1978	1979	1980	1981	1982	1983	1984
AIKEN	236	5.32	236	4.38	236	4.09	5.48	3.75	3.98	3.63	3.86	3.08
ANDREWS	1068	4.70	1068	7.17	1068	4.85	6.18	5.68	4.93	4.80	4.62	6.19
BALLENTYNE	763	8.01	763	7.10	763	4.39	7.96	8.04	7.90	7.09	9.67	7.96
BAXTER	200	23.53	200	20.91	200	17.35	24.21	26.61	17.31	20.01	19.17	26.85
BOISE CITY	1828	6.25	1828	4.84	1828	5.23	4.85	5.25	5.88	5.59	5.67	5.72
BOISE VALLEY	2729	4.86	2729	6.01	2729	6.66	6.72	5.76	5.84	6.63	6.09	5.75
BOONE	517	.00	517	0	517	0	0	0	0	0	0	0
BOWMAN-SMISHER	424	6.04	424	9.52	424	7.50	6.40	6.48	5.34	6.25	6.81	5.14
BURB (SOUTH BOISE MUTUAL)	1057	3.78	1057	2.96	1057	3.99	4.11	3.00	2.91	3.01	3.04	3.72
*CALDWELL HIGH LINE	3960	4.11	3960	4.63	3960	4.47	4.43	4.63	4.33	3.83	4.34	3.85
CAMPBELL (CANYON)	802	11.53	802	7.11	802	7.76	11.27	11.28	11.44	10.18	11.56	12.19
CANYON COUNTY	3957	5.78	3957	4.94	3957	5.07	5.37	5.46	5.34	5.51	4.95	5.06
CAPITAL VIEW	600	4.08	600	4.63	600	3.70	2.75	4.36	3.81	3.96	4.28	3.95
CORWAY-HAMMING	259	3.27	259	3.37	259	2.59	4.14	3.08	3.64	2.82	2.39	2.90
DAVIS DITCH	634	4.33	634	4.20	634	4.41	4.97	4.24	4.54	4.29	4.03	4.42
EAGLE ISLAND CANALS (LISTED INDIVIDUALLY)												
EUREKA #1	1800	3.74	1800	4.26	1800	4.46	3.94	5.30	4.84	5.82	5.83	5.85
EUREKA #2	2625	11.94	2625	10.51	2625	12.64	13.22	13.93	14.86	13.31	13.88	14.61
FARMERS UNION	8372	7.29	8372	5.43	8372	5.80	5.60	5.81	5.60	5.52	5.39	5.57
GRAHAM-GILBERT	200	2.83	200	4.09	200	2.32	4.50	3.03	4.09	3.35	3.41	3.58
HAAS	867	5.39	867	5.70	867	4.51	5.09	5.73	4.19	5.91	4.34	6.29
HART-DAVIS	453	6.04	453	5.43	453	4.91	8.04	8.53	7.50	6.08	4.59	6.26
ISLAND HIGH LINE	945	16.04	945	15.89	945	13.35	15.98	20.99	17.17	18.52	16.75	13.54
LEMP	300	3.09	300	3.55	300	3.78	4.72	3.37	4.26	3.32	3.12	3.59
LITTLE PIONEER	1336	7.65	1336	6.37	1336	7.34	7.22	8.81	7.83	7.58	8.20	7.38
LOWER CENTER POINT	880	11.75	880	14.22	880	10.91	13.30		13.38	12.36	13.73	13.08
MACE-CATLIN	536	3.81	536	5.20	536	4.61	5.24	11.97	4.83	3.41	3.19	3.44
MACE-MACE	80	3.53	80	3.08	80	5.30	4.68	2.53	2.88	2.83	1.40	5.23
MAHON	468	4.60	468	4.57	468	4.22	5.26	5.47	4.79	4.46	3.82	4.55
MCCONNEL ISLAND	1600	9.05	1600	7.74	1600	7.72	7.88	11.31	9.31	9.22	8.64	8.85
MCMAHUS & TEATER	168	11.76	168	13.24	168	8.07	7.68	6.77	7.54	5.92	5.65	5.37
NEEVES #1	73	9.59	0 (INCL. IN MISC.)		0 (INCL. IN MISC.)					0	0	0
NEEVES #2	26	23.23	0 (INCL. IN ROSSI MILL)		0 (INCL. IN ROSSI MILL)					0	0	0
MIDDLETON IRRIGATION ASSOC.	5180	5.53	5180	5.04	5180	4.31	5.13	5.74	5.03	5.77	5.58	5.95
MIDDLETON MILL	4400	4.71	4400	4.30	4400	3.68	4.37	4.89	4.29	4.90	4.75	5.07
MISCELLANEOUS	801	4.23	888	5.11	888	5.60						
NEW DRY CREEK	3059	5.83	3059	5.58	3059	5.01	5.56	4.89	6.14	5.08	13.21	12.19
NEW UNION	688	6.00	688	5.58	688	6.53	5.72	6.06	5.20	4.13	4.70	4.53
NEW YORK CANAL (B. OF C.)	164,920	5.32	164,920	3.24	164,920	5.02	5.06	5.03	5.57	4.04	5.76	6.56
PARMA	602	12.72	602	11.85	602	8.46	10.85	9.80	11.25	5.21	5.20	5.11
										10.98	9.94	13.33

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

CHART NO. 8

FOR EACH IRRIGATION SEASON FROM 1965
(ACREAGE TAKEN FROM CHART NO. 9)

NAME OF CANAL	ACRES IRRIGATED	1976	ACRES IRRIGATED	1977	ACRES IRRIGATED	1978	1979	1980	1981	1982	1983	1984
AIKEN	236	5.32	236	4.38	236	4.09	5.48	3.75	3.98	3.63	3.86	3.08
ANDREWS	1068	4.70	1068	7.17	1068	4.85	6.18	5.68	4.93	4.80	4.62	6.19
BALLENTYNE	763	8.01	763	7.10	763	4.39	7.96	8.04	7.90	7.09	9.67	7.96
BAXTER	200	23.53	200	20.91	200	17.35	24.21	26.61	17.31	20.01	19.17	26.85
BOISE CITY	1828	6.25	1828	4.84	1828	5.23	4.85	5.25	5.88	5.59	5.67	5.72
BOISE VALLEY	2729	4.86	2729	6.01	2729	6.66	6.72	5.76	5.84	6.63	6.09	5.75
BOONE	517	.00	517	0	517	0	0	0	0	0	0	0
BOWMAN-SWISHER	424	6.04	424	9.52	424	7.50	6.40	6.48	5.34	6.25	6.81	5.14
BURB (SOUTH BOISE MUTUAL)	1057	3.78	1057	2.96	1057	3.99	4.11	3.00	2.91	3.01	3.04	3.72
*CALDWELL HIGH LINE	3960	4.11	3960	4.63	3960	4.47	4.43	4.63	4.33	3.85	4.34	3.85
CAMPBELL (CANYON)	802	11.53	802	7.11	802	7.76	11.27	11.28	11.44	10.18	11.56	12.19
CANYON COUNTY	3957	5.78	3957	4.94	3957	5.07	5.37	5.46	5.34	5.51	4.95	5.06
CAPITAL VIEW	600	4.08	600	4.63	600	3.70	2.75	4.36	3.81	3.96	4.28	3.95
CONWAY-HAMMING	259	3.27	259	3.37	259	2.59	4.14	3.08	3.64	2.82	2.39	2.90
DAVIS DITCH	634	4.33	634	4.20	634	4.41	4.97	4.24	4.54	4.29	4.03	4.42
EAGLE ISLAND CANALS (LISTED INDIVIDUALLY)												
EUREKA #1	1800	3.74	1800	4.26	1800	4.46	3.94	5.30	4.84	5.82	5.83	5.85
EUREKA #2	2625	11.94	2625	10.51	2625	12.64	13.22	13.93	14.86	13.31	13.88	14.61
FARMERS UNION	8372	7.29	8372	5.43	8372	5.80	5.60	5.81	5.60	5.52	5.39	5.57
GRAHAM-GILBERT	200	2.83	200	4.09	200	2.32	4.50	3.03	4.09	3.35	3.41	3.58
HAAS	867	3.39	867	5.70	867	4.51	5.09	5.73	4.19	5.91	4.34	6.29
HART-DAVIS	453	6.04	453	5.43	453	4.91	8.04	8.53	7.50	5.08	4.59	6.26
ISLAND HIGH LINE	945	16.04	945	15.89	945	13.35	15.98	20.99	17.17	18.52	16.75	13.54
LEMP	300	3.09	300	3.55	300	3.78	4.72	3.37	4.26	3.32	3.12	3.59
LITTLE PIONEER	1336	7.65	1336	6.37	1336	7.34	7.22	6.81	7.83	7.58	8.20	7.38
LOWER CENTER POINT	880	11.75	880	14.22	880	10.91	13.30	11.77	13.38	12.36	13.73	13.08
MACE-CATLIN	536	3.81	536	5.20	536	4.61	5.24	3.97	4.83	3.41	3.19	3.44
MACE-MACE	80	3.53	80	3.08	80	5.30	4.68	2.53	2.88	2.83	1.40	5.23
MAHON	468	4.60	468	4.57	468	4.22	5.26	5.47	4.79	4.46	3.82	4.55
MCCONNELL ISLAND	1600	9.05	1600	7.74	1600	7.72	7.88	11.31	9.31	5.22	8.64	8.85
MCNAMIS & TEATER	168	11.76	168	13.24	168	8.07	7.68	6.77	7.54	5.92	5.65	5.37
NEEVES #1	73	9.59	0 (INCL. IN MISC.)	0 (INCL. IN MISC.)	0 (INCL. IN MISC.)	0 (INCL. IN MISC.)	0 (INCL. IN MISC.)	0 (INCL. IN MISC.)	0 (INCL. IN MISC.)	0 (INCL. IN MISC.)	0 (INCL. IN MISC.)	0 (INCL. IN MISC.)
NEEVES #2	26	23.23	0 (INCL. IN ROSSI MILL)	0 (INCL. IN ROSSI MILL)	0 (INCL. IN ROSSI MILL)	0 (INCL. IN ROSSI MILL)	0 (INCL. IN ROSSI MILL)	0 (INCL. IN ROSSI MILL)	0 (INCL. IN ROSSI MILL)	0 (INCL. IN ROSSI MILL)	0 (INCL. IN ROSSI MILL)	0 (INCL. IN ROSSI MILL)
MIDDLETON IRRIGATION ASSOC.	5180	5.53	5180	5.04	5180	4.31	5.13	5.74	5.03	5.77	5.38	5.95
MIDDLETON MILL	4400	4.71	4400	4.30	4400	3.68	4.37	4.89	4.29	4.90	4.75	5.07
MISCELLANEOUS	801	4.23	888	5.11	888	5.60	5.56	4.89	6.14	5.08	13.21	12.19
NEW DRY CREEK	3059	5.83	3059	5.58	3059	5.01	5.30	5.49	5.20	4.13	4.70	4.53
NEW UNION	688	6.00	688	5.58	688	6.53	5.72	6.06	5.57	4.04	5.76	6.56
NEW YORK CANAL (B. OF C.)	164,920	5.32	164,920	3.24	164,920	5.02	5.06	5.03	4.82	5.21	5.20	5.11
PARMA	602	12.72	602	11.85	602	8.46	10.85	9.80	11.25	10.98	9.94	13.33

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS

FOR EACH IRRIGATION SEASON FROM 1965
(ACREAGE TAKEN FROM CHART NO. 9)

NAME OF CANAL	ACRES IRRIGATED	1976	ACRES IRRIGATED	1977	ACRES IRRIGATED	1978	1979	1980	1981	1982	1983	1984
PENITENTIARY	321	8.99	321	5.70	321	5.91	9.51	6.36	7.69	6.42	6.30	5.28
PHYLLIS (PIONEER IRR. DIST)	23,974	5.60	23,974	4.08	23,974	4.97	4.93	5.13	4.94	5.51	5.34	5.46
PIONEER DIXIE	3000	9.46	3000	8.96	3000	8.35	9.56	9.37	9.96	9.95	8.59	7.99
RIDENBAUGH	26,877	5.96	26,877	4.53	26,877	6.25	5.93	5.73	6.38	6.19	6.19	6.15
RIVERSIDE	10,645	5.33	10,645	5.05	10,645	4.70	5.39	5.28	5.62	5.58	4.84	4.50
ROEDEL	160	.00	160	0	160	0	0		0	0	0	0
ROSSI MILL	500	5.69	512	4.68	512	6.10	6.27	5.93	6.25	5.14	6.99	6.13
SEBREE (FARMERS CO-OP)	15,500	5.70	15,500	4.14	15,500	5.56	5.75	5.47	5.43	5.44	5.07	5.31
SETTLERS	12,322	3.91	12,322	3.53	12,322	3.76	4.01	3.62	3.80	3.90	3.68	3.71
SEVEN SUCKERS	70	7.83	73	6.54	70	4.54	6.11	6.40	5.97	6.69	5.43	5.60
SIEBENBERG	646	5.76	646	5.44	646	4.03	4.29					
THURMAN MILL	1719	5.21	1719	5.65	1719	4.92	6.07	5.59	4.51	5.64	5.32	4.98
UPPER CENTER POINT	641	10.10	641	10.90	641	11.94	9.97	8.13	6.70	5.33	4.95	5.34
WARM SPRINGS DITCH	494	3.51	494	4.28	494	3.45	4.12	4.17	4.54	4.58	6.43	8.15
TOTALS	316,282	5.60	316,282	4.09	316,282	5.26	5.39	5.39	5.30	5.52	5.44	5.42

*FRANKLIN DITCH COMPANY AND MASON CREEK DITCH COMPANY LANDS ONLY. THE BALANCE OF THE LAND UNDER THE CALDWELL HIGH LINE IS IRRIGATED WITH WATER DIVERTED FROM SEVERAL DRAINS.

1947 THRU 1964 CAN BE FOUND IN PREVIOUS ANNUAL REPORTS.

THE USE OF WATER PER ACRE IS A GROSS FIGURE, FOR A NET FIGURE TO THE LAND ALLOW ABOUT 35% LOSS.

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 9

AIKEN	236 ACRES	ISLAND HIGH LINE	945 ACRES
ANDREWS	1068 "	LEMP DITCH	300 "
BALLENTYNE	763 "	LITTLE PIONEER	1336 "
BAXTER	200 "	LOWER CENTER POINT	880 "
BOISE CITY	1828 "	MACE & CATLIN	536 "
BOISE PROJECT BOARD OF CONTROL		MACE & MACE	80 "
BIG BEND IRRIG. DIST.	1724 "	MAMMON	468 "
BOISE-KUNA IRRIG. DIST.	48,629 "	MCCONNEL ISLAND	1600 "
NAMPA & MERIDIAN IRRIG. DIST.	40,304 "	MCMANUS & TEATER	168 "
NEW YORK IRRIG. DIST.	17,728 "	MIDDLETON MILL	4400 "
WILDER IRRIG. DIST.	56,535 "	MIDDLETON WATER	5180 "
TOTAL - BOARD OF CONTROL	164,920 "	MISCELLANEOUS	888 "
BOISE VALLEY	2729 "	NEW DRY CREEK	3059 "
BOONE	517 "	NEW UNION	688 "
BOWMAN-SWISHER	424 "	PARMA DITCH	602 "
BUBB (SOUTH BOISE MUTUAL)	1057 "	PENITENTIARY	321 "
*CALDWELL HIGH LINE	11,917 "	PIONEER IRRIG. DIST.	23,974 "
CAMPBELL (CANYON DITCH)	802 "	PIONEER DIXIE	3000 "
CANYON COUNTY	3957 "	RIDENBAUGH	26,877 "
CAPITAL VIEW	600 "	RIVERSIDE IRRIG. DIST.	10,645 "
CONWAY-HAMMING	259 "	ROEDEL	160 "
DAVIS & LITTLE DAVIS	634 "	ROSSI MILL	512 "
EUREKA WATER CO. #1	1300 "	SEBREE	15,500 "
EUREKA DITCH CO. #2	2625 "	SEVEN SUCKERS	70 "
FARMERS UNION	8372 "	SETTLERS	12,322 "
GRAHAM-GILBERT	200 "	SIEBENBERG	646 "
HAAS	367 "	THURMAN MILL	1719 "
HART-DAVIS	453 "	UPPER CENTER POINT	641 "
		WARM SPRINGS DITCH	454 "

TOTAL 324,239 ACRES

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

BLACK CANYON IRRIGATION DISTRICT	6,894 ACRES
CALDWELL IRRIGATION DISTRICT	755 "
MORELAND & VIAL (DIXIE DRAIN)	640 "
	8,289 ACRES

GRAND TOTAL 332,528 ACRES

THIS ACREAGE IS BASED, IN SOME INSTANCES, UPON ACTUAL SURVEYS, AND IN OTHER CASES UPON THE ACREAGE AS DETERMINED AT THE TIME OF THE STEWART DECREE, AND IS THE BEST INFORMATION AVAILABLE AT THE PRESENT TIME. IT WAS ORIGINALLY COMPUTED FEBRUARY 14, 1941, BUT HAS BEEN REVISED SEVERAL TIMES, PARTICULARLY TO REDUCE RIVER BOTTOM ACREAGES TO CONFORM TO STEWART DECREE ACREAGES AS DETERMINED BY SPECIAL COMMITTEE, AND TO ACCOMMODATE TRANSFERS FROM ONE CANAL OR USER TO ANOTHER.

RIDENBAUGH REPRESENTS OLD LANDS WITHIN THE NAMPA & MERIDIAN IRRIGATION DISTRICT THAT ARE WATERED BY THE OLD RIDENBAUGH RIGHTS IN THE STEWART DECREE. THE BALANCE OF THE NAMPA & MERIDIAN IRRIGATION DISTRICT LANDS ARE INCLUDED UNDER THE BOARD OF CONTROL.

*3960 ACRES ARE WATERED WITH LIVE WATER. THE BALANCE OF THE WATER COMES FROM SEVERAL DRAINS.

BOISE RIVER STORAGE ACCOUNTS - 1984 - IN ACRE FEET

CANAL COMPANY	ARROWROCK STORAGE	ANDERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE	JULY USE	BALANCE 1 AUG.	AUGUST USE	BALANCE 1 SEPT.	SEPTEMBER USE	BALANCE 1 OCT.	OCTOBER USE	BALANCE END OF SEASON	TOTAL 1984 STORAGE USED	ANDERSON CARRYOVER	LUCKY PEAK CARRYOVER
BALLENTYNE		376	1300	1676	0	1676	194	1482	162	1320	0	1320	356	20	1300
BOISE CITY			1000	1000	0	1000	18	982	14	968	0	968	32		968
BOISE VALLEY		961	2500	3461	0	3461	176	3285	0	3285	0	3285	176	785	2500
BURB (50,001SE MUTUAL)		543	500	1043	0	1043	8	1035	0	1035	0	1035	8	535	500
CANYON COUNTY			6000	6000	0	6000	284	5716	0	5716	0	5716	284		5716
CAPITAL VIEW		460	300	760	0	760	48	712	14	698	0	698	62	398	300
DAVIS			1500	1500	0	1500	0	1500	0	1500	0	1500	0		1500
EAGLE ISLAND CANALS			7650	7650	0	7650	40	7610	0	7610	0	7610	40		7610
EUREKA # 1			2800	2800	0	2800	108	2692	0	2692	0	2692	108		2692
FARMERS UNION	2874	5727	10000	18601	0	18601	1260	17341	148	17193	0	17193	1408	5727	10000
LITTLE PIONEER		2174	500	2674	0	2674	264	2410	66	2344	0	2344	330	1844	500
MIDDLETON IRRIGATION			6380	6380	0	6380	164	6216	0	6216	0	6216	164		6216
MIDDLETON MILL			4620	4620	0	4620	118	4502	0	4502	0	4502	118		4502
NEW DRY CREEK		1296	3000	4296	0	4296	90	4206	0	4206	0	4206	90	1206	3000
NEW UNION			1400	1400	0	1400	0	1400	0	1400	0	1400	0		1400
NEW YORK *	254,518	359,662		614,180	57,526	556,654	152,490	404,164	121,076	283,088	78,314	204,774	409,406	204,774	
PHYLLISS ***	21,071	25,582	16,000	62,653	4,668	57,985	14,646	43,339	2,060	41,279	0	41,279	21,374	25,279	16,000
RIDENBAUGH	3,832	15,137	35,000	53,969	0	53,969	5,836	48,133	2,186	45,947	0	45,947	8,022	10,947	35,000
ROSSI MILL			700	700	0	700	16	684	0	684	0	684	16		684
SEBREE	1,227			1,227	0	1,227	0	1,227	0	1,227	0	1,227	0		
SETTLERS **	2,878	6,082	10,000	18,960	0	18,960	1,528	17,432	200	17,232	0	17,232	1,728	6,082	10,000
THURMAN MILL			800	800	0	800	0	800	0	800	0	800	0		800
LUCKY PEAK NURSERY	200		200	200	0	200	34	166	32	134	0	134	66		134
IDAH0 DEPT. OF FISH AND GAME			50,000	50,000	0	50,000	0	50,000	0	50,000	0	50,000	0		50,000
ANDERSON DAM POWER		5,200		5,200	0	5,200	0	5,200	0	5,200	0	5,200	0	5,200	
LUCKY PEAK UNCONTRACTED			99,464	99,464	0	99,464	5,638	93,826	68,830	24,996	0	24,996	74,468		24,996
TOTALS	286,600	423,200	261,414	971,214	62,194	909,020	182,960	726,060	194,788	531,272	78,314	452,958	518,256	262,797	186,184

* LESS 1100 ACRE FEET OF ARROWROCK STORAGE TRANSFERRED TO SETTLERS, 53 ACRE FEET TRANSFERRED TO PHYLLISS TO IRRIGATE GOVERNMENT LANDS. INCREASED BY 22,800 ACRE FEET OF HILLCREST STORAGE.
LESS 272 ACRE FEET OF ANDERSON STORAGE TRANSFERRED TO SETTLERS TO IRRIGATE GOVERNMENT LANDS.

** INCREASE SETTLERS STORAGE 1100 ACRE FEET OF ARROWROCK STORAGE, 272 ACRE FEET OF ANDERSON STORAGE TO IRRIGATE GOVERNMENT LANDS.

*** INCREASE PHYLLISS ARROWROCK STORAGE 53 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.

STATE OF IDAHO FISH AND GAME STORAGE TO BE USED DURING THE WINTER MONTHS.

LUCKY PEAK UNCONTRACTED STORAGE TO BE RELEASED BY ORDER OF BUREAU OF RECLAMATION

3977 ACRE FEET OF ARROWROCK STORAGE WAS UNUSED DURING THE SEASON, NO CARRYOVER.

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 11

ARROWROCK

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BOISE PROJECT BOARD OF CONTROL	177,816	62.01
NAMPA & MERIDIAN	55,055	19.25
PIONEER IRRIGATION DISTRICT	21,018	7.333
FARMERS UNION DITCH CO.	2,874	1.000
SETTLERS IRRIGATION DISTRICT	1,778	.62
FARMERS CO-OP CANAL CO.	1,227	.428
RIDENBAUGH CANAL	3,832	1.337
HILLCREST	23,000	8.02
TOTAL	286,600	99.998

ANDERSON

BOISE-MUNA IRRIGATION DISTRICT	112,149	26.83
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
BIG BEND IRRIGATION DISTRICT	3,887	.93
NAMPA & MERIDIAN	77,784	18.61
TOTAL BOARD OF CONTROL		
RIDENBAUGH	15,137	3.62
PIONEER IRRIGATION DISTRICT	25,582	6.12
FARMERS UNION DITCH CO.	5,727	1.37
NEW DRY CREEK DITCH CO.	1,296	.31
SETTLERS IRRIGATION DISTRICT	5,810	1.39
BOISE VALLEY IRRIGATION DITCH CO.	961	.23
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.13
BALLENTYNE DITCH CO.	376	.09
CAPITOL VIEW IRRIGATION DISTRICT	460	.11
PIONEER DITCH COMPANY	2,174	.52
TOTAL	418,000	100.00
POWER	5,200	

359,934

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BALLENTYNE	1,300	.467
BOISE CITY	1,000	.360
BOISE VALLEY	2,500	.899
BUBB (SOUTH BOISE MUTUAL)	500	.180
CANYON COUNTY	6,000	2.157
CAPITAL VIEW IRRIG. DIST.	300	.108
DAVIS DITCH (VILLAGE OF GARDEN CITY)	1,500	.539
EAGLE ISLAND WATER CO.	7,650	2.750
EUREKA WATER CO. #1	2,800	1.006
FARMERS UNION	10,000	3.595
LITTLE PIONEER	500	.180
MIDDLETON IRRIG. ASSN.	6,380	2.293
MIDDLETON MILL	4,620	1.661
NEW DRY CREEK	3,000	1.078
NEW UNION	1,400	.503
PHYLLIS (PIONEER IRRIG. DIST.)	16,000	5.751
RIDENBAUGH	35,000	12.580
ROSSI MILL (SOUTH BOISE WATER)	700	.252
SETTLERS	10,000	3.595
THURMAN MILL	800	.288
IDAHO FISH & GAME	50,000	17.972
UNCONTRACTED SPACE	116,250	41.786
TOTAL	278,200	100.0

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FEET
FOR IRRIGATION SEASON OF
APRIL

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
BOISE SEWER	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	900
CONWAY GULCH	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	1047
DIXIE DRAIN	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	3411
DRAINAGE DISTRICT #3	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	84
EAGLE DRAIN	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	433
FIVE MILE CREEK	36	36	36	36	36	36	36	36	36	36	41	41	41	41	41	41	127	127	127	127	127	127	127	127	92	92	92	92	92	92	92	2144
HARTLEY DRAIN	19	19	19	19	19	19	19	19	19	19	18	18	18	18	18	18	20	20	20	20	20	20	20	20	31	31	31	31	31	31	31	654
HARTLEY GULCH	11	11	11	11	11	11	11	11	11	11	5	5	5	5	5	5	5	11	11	11	11	11	11	11	11	12	12	12	12	12	12	295
INDIAN CREEK	187	187	187	187	187	187	187	187	187	187	110	110	110	110	110	110	169	169	169	169	169	169	169	169	201	201	201	201	201	201	201	5043
LONG FEEDER																																0
MASON CREEK	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	4	4	4	4	4	4	4	4	20	20	20	20	20	20	20	246
MASON DRAIN	66	66	66	66	66	66	66	66	66	66	66	56	56	56	56	56	52	52	52	52	52	52	52	52	84	84	84	84	84	84	84	1928
NORTH MIDDLETON DRAIN	29	29	29	29	29	29	29	29	29	29	15	15	15	15	15	15	42	42	42	42	42	42	42	42	20	20	20	20	20	20	20	856
SOUTH MIDDLETON DRAIN	41	41	41	41	41	41	41	41	41	41	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	1608
STAR FEEDER																																0
THURMAN DRAIN	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	16	310
WATTS CHECK																																0
WILLOW CREEK	38	38	38	38	38	38	38	38	38	38	97	97	97	97	97	97	76	76	76	76	76	76	76	76	75	75	75	75	75	75	75	2078
TOTALS	590	590	590	590	590	590	590	590	591	553	556	556	556	556	556	562	725	815	815	815	815	815	816	880	888	888	888	888	888	905		21,047

MAY

BOISE SEWER	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	967		
CONWAY GULCH	53	55	55	55	55	55	55	55	59	59	59	59	59	59	59	54	54	54	54	54	54	54	54	54	54	54	55	55	55	55	63	63	1740
DIXIE DRAIN	154	258	258	258	258	258	258	258	232	232	232	232	232	232	232	348	348	348	348	348	348	348	348	348	348	348	332	332	332	332	195	195	1734
DRAINAGE DISTRICT #3	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	21	
EAGLE DRAIN	26	26	26	26	26	26	33	33	33	33	33	33	33	33	43	43	43	43	43	43	43	43	43	43	43	43	47	47	47	51	51	1221	
FIVE MILE CREEK	155	155	155	155	155	155	155	138	138	138	138	138	138	138	141	141	141	141	141	141	141	141	141	141	141	141	117	117	117	117	138	138	4271
HARTLEY DRAIN	34	34	34	34	34	34	34	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	43	43	43	43	46	46	1233
HARTLEY GULCH	21	21	21	21	21	21	21	20	20	20	20	20	20	20	20	22	22	22	22	22	22	22	22	22	22	22	26	26	26	26	33	33	722
INDIAN CREEK	197	197	197	197	197	197	197	208	208	208	208	208	208	208	208	258	258	258	258	258	258	258	258	258	258	258	246	246	246	246	205	205	6978
LONG FEEDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MASON CREEK	22	22	22	22	22	22	12	12	12	12	12	12	12	12	14	14	14	14	14	14	14	14	14	14	14	14	17	17	17	17	26	26	433
MASON DRAIN	96	96	96	96	96	96	84	84	84	84	84	84	84	84	84	158	158	158	158	158	158	158	158	158	158	131	131	131	131	142	142	3709	
NORTH MIDDLETON DRAIN	48	48	48	48	48	48	55	55	55	55	55	55	55	55	90	90	90	90	90	90	90	90	90	90	90	40	40	40	40	75	75	1856	
SOUTH MIDDLETON DRAIN	98	98	98	98	98	98	103	103	103	103	103	103	103	103	124	124	124	124	124	124	124	124	124	124	124	132	132	132	132	135	135	3604	
STAR FEEDER	51	51	51	51	51	51	51	56	56	56	56	56	56	56	59	59	59	59	59	59	59	59	59	59	59	73	73	73	73	86	86	1931	
THURMAN DRAIN	16	16	16	16	16	16	17	17	17	17	17	17	17	17	22	22	22	22	22	22	22	22	22	22	22	24	24	24	24	26	26	641	
WATTS CHECK	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	18	18	18	18	17	17	527	
WILLOW CREEK	75	75	75	75	75	75	86	86	86	86	86	86	86	86	66	66	66	66	66	66	66	66	66	66	66	70	70	70	70	48	48	2223	
TOTALS	1100	1206	1205	1206	1206	1206	1215	1223	1201	1201	1201	1201	1201	1201	1216	1387	1498	1498	1498	1498	1498	1505	1425	1410	1410	1410	1411	1411	1417	1455	1326	41,172	

TOTALS[illegible]

40.176

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FEET
 FOR IRRIGATION SEASON OF 1984

	AUGUST																															TOTALS	
NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BOISE SEWER	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	945	
CONWAY GULCH	70	70	70	70	70	70	70	98	98	98	98	98	98	98	98	97	97	97	97	97	97	78	78	78	78	78	78	78	78	69	69	69	2608
DIXIE DRAIN	290	290	290	290	290	290	290	204	204	204	204	204	204	204	207	207	207	207	207	207	253	253	253	253	253	253	253	253	267	267	267	7479	
DRAINAGE DISTRICT #3	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	327	
EAGLE DRAIN	51	51	51	51	51	51	51	51	51	51	51	51	62	62	62	62	62	62	62	53	53	53	53	53	53	53	51	51	51	51	51	1672	
FIVE MILE CREEK	185	185	185	185	185	185	137	137	137	137	137	137	137	131	131	131	131	131	131	131	140	140	140	140	140	140	140	140	140	140	140	4590	
HARTLEY DRAIN	80	80	80	80	80	80	66	66	66	66	66	66	66	82	82	82	82	82	82	62	62	62	62	62	62	62	62	62	62	62	62	917	
HARTLEY GULCH	31	31	31	31	31	31	31	31	31	31	31	31	31	32	32	32	32	32	32	32	26	26	26	26	26	26	26	26	27	27	27	3782	
INDIAN CREEK	127	127	127	127	127	127	125	125	125	125	125	125	125	109	109	109	109	109	109	109	118	118	118	118	118	118	118	139	139	139	139	0	
LONG FEEDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	512	
MASON CREEK	15	15	15	15	15	15	15	15	15	15	15	15	15	15	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	5280	
MASON DRAIN	169	169	169	169	169	169	155	155	155	155	155	155	155	155	162	162	162	162	162	173	173	173	173	173	173	173	173	209	209	209	209	1575	
NORTH MIDDLETON DRAIN	50	50	50	50	50	50	45	45	45	45	45	45	45	45	57	57	57	57	57	57	55	55	55	55	55	55	55	55	44	44	44	3061	
SOUTH MIDDLETON DRAIN	102	102	102	102	102	102	105	105	105	105	105	105	105	105	90	90	90	90	90	90	92	92	92	92	92	92	92	92	110	110	110	2014	
STAR FEEDER	66	66	66	66	66	66	62	62	62	62	62	62	62	62	70	70	70	70	70	70	66	66	66	66	66	66	66	66	58	58	58	754	
THURMAN DRAIN	28	28	28	28	28	28	26	26	26	26	26	26	26	24	24	24	24	24	24	24	25	25	25	25	25	25	25	25	23	23	23	766	
WATTS CHECK	26	26	26	26	26	26	24	24	24	24	24	24	24	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	932	
WILLOW CREEK	29	29	29	29	29	29	23	23	23	23	23	23	23	23	35	35	35	35	35	35	36	36	36	36	36	36	36	25	25	25	25		
TOTALS	1360	1360	1360	1360	1360	1358	1266	1208	1208	1208	1208	1208	1215	1237	1239	1239	1240	1240	1240	1231	1232	1259	1259	1259	1259	1259	1257	1332	1337	1337	1337	39,472	

SEPT.

BOISE SEWER	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	936
CONWAY GULCH	69	69	69	69	86	86	86	86	86	86	86	83	83	83	83	83	83	81	81	81	81	81	81	81	81	81	81	81	81	81	81	2396
DIXIE DRAIN	267	267	267	267	309	309	309	309	309	309	309	336	336	336	336	336	336	278	278	278	278	278	278	278	278	278	278	278	278	278	278	9284
DRAINAGE DISTRICT #3	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	323
EAGLE DRAIN	51	51	51	51	51	51	51	51	51	51	51	48	48	48	48	48	48	47	47	47	47	47	47	47	47	47	47	47	47	47	47	1488
FIVE MILE CREEK	156	156	156	195	195	195	195	195	195	195	195	156	184	184	184	184	184	156	156	156	156	156	156	156	203	203	203	203	203	203	203	5431
HARTLEY DRAIN	77	77	77	96	96	96	96	96	96	96	96	76	76	76	76	76	76	72	72	72	72	72	72	72	72	72	72	72	72	72	72	2371
HARTLEY GULCH	27	27	27	29	29	29	29	29	29	29	29	30	30	30	30	30	30	25	25	25	25	25	25	25	25	25	25	25	25	25	25	867
INDIAN CREEK	139	139	139	195	195	195	195	195	195	195	195	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	231	231	231	5674
LONG FEEDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MASON CREEK	18	18	18	12	12	12	12	12	12	12	12	17	17	17	17	17	17	12	12	12	12	12	12	12	12	12	12	12	15	15	15	431
MASON DRAIN	209	209	209	204	204	204	204	204	204	204	204	189	189	189	189	189	189	192	192	192	192	192	192	192	192	192	192	192	196	196	196	5898
NORTH MIDDLETON DRAIN	44	44	44	66	66	66	66	66	66	66	66	76	76	76	76	76	76	78	78	78	78	78	78	78	78	78	78	78	73	73	73	2110
SOUTH MIDDLETON DRAIN	110	110	110	111	111	111	111	111	111	111	111	114	114	114	114	114	114	109	109	109	109	109	109	109	109	109	109	109	109	109	109	3382
STAR FEEDER	58	58	58	57	57	57	57	57	57	57	57	71	71	71	71	71	71	63	63	63	63	63	63	63	63	63	63	63	60	60	60	1871
THURMAN DRAIN	22	22	22	22	22	22	22	22	22	22	22	27	27	27	27	27	27	28	28	28	28	28	28	28	28	28	28	30	30	30	30	793
WATTS CHECK	23	23	23	22	22	22	22	22	22	22	22	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	19	21	21	21	21	622
WILLOW CREEK	25	25	25	44	44	44	44	44	44	44	44	49	49	49	49	49	49	38	38	38	38	38	38	38	38	38	38	34	34	34	34	1196
TOTALS	1337	1337	1337	1482	1541	1541	1541	1541	1541	1541	1542	1516	1540	1540	1540	1540	1540	1478	1418	1418	1418	1418	1418	1418	1427	1532	1598	1598	1598	1598	1598	45,013

CHART NO. 12

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FEET
FOR IRRIGATION SEASON OF 1984
OCTOBER

NAME OF TRIBUTARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS
BOISE SEWER	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31																465
CONWAY GULCH	74	74	71	71	71	71	71	71	71	69	69	69	69	69	69	69																1059
DIXIE DRAIN	351	351	389	389	389	389	389	389	389	274	274	274	274	274	274	274																4649
DRAINAGE DISTRICT #3	12	12	12	12	12	12	12	10	10	10	10	10	10	10	10	10																164
EAGLE DRAIN	43	43	43	43	43	43	43	39	39	39	39	39	39	39	39	39																613
FIVE MILE CREEK	203	147	147	147	147	147	147	147	137	137	137	137	137	137	137	137																2191
HARTLEY DRAIN	72	72	72	72	72	72	72	72	70	70	70	70	70	70	70	70																1066
HARTLEY GULCH	33	28	28	28	28	28	28	28	24	24	24	24	24	24	24	24																397
INDIAN CREEK	231	248	248	248	248	248	248	248	216	216	216	216	216	216	216	216																3479
LONG FEEDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																0
MASON CREEK	15	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12																197
MASON DRAIN	196	169	169	169	169	169	169	169	158	158	158	158	158	158	158	158																2485
NORTH MIDDLETON DRAIN	73	76	76	76	76	76	76	76	49	49	49	49	49	49	49	49																948
SOUTH MIDDLETON DRAIN	109	97	97	97	97	97	97	97	111	111	111	111	111	111	111	111																1565
STAR FEEDER	60	57	57	57	57	57	57	57	51	51	51	51	51	51	51	51																816
THURMAN DRAIN	30	30	30	30	30	30	30	30	22	22	22	22	22	22	22	22																386
WATTS CHECK	21	17	17	17	17	17	17	17	25	25	25	25	25	25	25	25																315
WILLOW CREEK	34	28	28	28	28	28	28	28	33	33	33	33	33	33	33	33																461
TOTALS	1588	1494	1469	1469	1469	1469	1469	1455	1388	1331	1331	1331	1331	1331	1331	1331																21,256

BOISE SEWER
CONWAY GULCH
DIXIE DRAIN
DRAINAGE DISTRICT #3
EAGLE DRAIN
FIVE MILE CREEK
HARTLEY DRAIN
HARTLEY GULCH
INDIAN CREEK
LONG FEEDER
MASON CREEK
MASON DRAIN
NORTH MIDDLETON DRAIN
SOUTH MIDDLETON DRAIN
STAR FEEDER
THURMAN DRAIN
WATTS CHECK
WILLOW CREEK

TOTALS

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY DRAIN DISCHARGES INTO THE BOISE RIVER
DURING THE IRRIGATION SEASON OF 1984

CHART # 13

NAME OF DRAIN	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTALS
BOISE SEWER	1800	1934	1826	1890	1890	1872	930	12,142
CONWAY GULCH	2094	3480	4142	4244	5216	4792	2118	26,086
DIXIE DRAIN (SLOUGH)	6822	17468	14978	15826	14958	18568	9298	97,918
FIVE MILE CREEK	4288	8542	11802	8810	9180	10862	4382	57,866
INDIAN CREEK	10086	13956	10972	7190	7564	11348	6958	68,074
MASON CREEK	492	1066	1460	1060	1024	862	394	6,358
MASON DRAIN	3876	7418	10318	10546	10560	11796	4970	59,484
TOTALS	29,458	53,864	55,498	49,566	50,392	60,100	29,050	327,928

DRAINAGE DISTRICT # 2 (ENTERS INTO THE BOISE RIVER)

EAGLE DRAIN	866	2442	3132	3454	3344	2976	1226	17,440
HARTLEY DRAIN	1308	2586	4122	4946	4516	4742	2132	24,352
HARTLEY GULCH	590	1444	2014	2036	1834	1734	794	10,446
NORTH MIDDLETON DRAIN	1712	3712	3250	2490	3150	4220	1896	20,430
SOUTH MIDDLETON DRAIN	3216	7208	7826	8088	6122	6644	3130	42,234
WILLOW CREEK	4156	4446	3720	2126	1864	2392	922	19,626
TOTALS	11,848	21,838	24,064	23,140	20,830	22,708	10,100	134,528

DIVERTED INTO CANALS

LONG FEEDER	0	0	0	0	0	0	0	0
STAR FEEDER	0	3862	4146	4080	4028	3742	1632	21,490
WATTS CHECK	0	1054	816	1416	1532	1244	630	6,692
TOTALS	0	4,916	4,962	5,496	5,560	4,986	2,262	28,182
TOTAL DRAINAGE DISTRICT # 2	11,848	26,754	29,026	28,636	26,390	27,694	12,362	162,710

DRAINAGE DISTRICT # 3

RIDENBAUGH, BOOTH & MYERS DRAIN	168	444	508	564	654	646	328	3,312
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DRAINAGE DISTRICT # 4

THURMAN DRAIN	620	1282	1412	1586	1508	1586	772	8,766
TOTAL DRAINS	42,094	82,344	86,444	80,352	78,944	90,026	42,512	502,716

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
 CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN
 BY MONTHS IN ACRE FEET - 1 APRIL, 1984 THRU 15 OCTOBER 1984

	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTALS
BOISE RIVER AT DIVERSION DAM	311,608	606,064	423,266	331,750	269,896	266,328	138,091	2,347,003
TRIBUTARY GAIN	42,094	82,344	86,444	80,352	78,944	90,026	42,512	502,716
TOTAL AVAILABLE	353,702	688,408	509,710	412,102	348,840	356,354	180,603	2,849,719
DELIVERIES TO CANALS	110,270	282,040	299,882	347,272	338,318	250,108	86,658	1,714,548
NET TRIBUTARY GAIN UNUSED	243,432	406,368	209,828	64,830	10,522	106,246	93,945	1,135,171
SEEPAGE GAIN	0	0	0	0	0	0	0	0

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS

IN DRAINAGE DISTRICT # 3 FOR 4,200 ACRES
1984

	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTALS
AVERAGE DAILY FLOW IN SECOND FEET	2.80	7.16	8.47	9.10	10.55	10.77	10.93	8.36
TOTAL MONTHLY FLOW IN ACRE FEET	168	444	508	564	654	646	328	3312
ACRE FEET PER ACRE	.04	.11	.12	.13	.16	.15	.08	.79

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS

IN DRAINAGE DISTRICT # 4 FOR 2,500 ACRES
1984

	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTALS
AVERAGE DAILY FLOW IN SECOND FEET	10.33	20.68	23.53	25.58	24.32	26.43	25.73	22.14
TOTAL MONTHLY FLOW IN ACRE FEET	620	1282	1412	1586	1508	1586	772	8766
ACRE FEET PER ACRE	.25	.51	.56	.63	.60	.63	.31	3.51

SUMMARY TABLE IN SECOND FEET
 SHOWING AVERAGE DAILY RETURN FLOW TO THE BOISE RIVER
 FOR THE LAST 15 YEARS

MONTH	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
APRIL	457	775	645	626	596	395	717	468	634	536	580	698	589	729	702
MAY	1063	1112	1192	949	1063	962	1067	945	906	967	1217	1150	1159	1243	1328
JUNE	1205	1369	1365	1113	1196	1238	1392	853	1165	1138	1253	1318	1313	1422	1441
JULY	1107	1259	1282	1097	1233	1264	1327	858	1278	1222	1223	1196	1326	1363	1296
AUGUST	1197	1294	1298	1102	1284	1387	1531	817	1279	1237	1306	1203	1372	1423	1273
SEPT.	1345	1472	1462	1204	1389	1326	1519	955	1286	1144	1455	1296	1517	1406	1500
OCTOBER	1136	1384	1364	1201	1282	1489	1117	875	1242	1072	1061	1382	1439	1391	1417
AVERAGE	1073	1238	1230	1042	1149	1152	1239	824	1113	1044	1156	1178	1245	1282	1280

DISTRIBUTION OF DRAINAGE WATER TO VARIOUS CANALS

CHART NO. 20

DRAINAGE DISTRICT NO. 2

	PERCENT OF TOTAL		PERCENT OF TOTAL
FARMERS UNION	20.99	CANYON COUNTY	12.68
BOISE VALLEY	10.03	BALLENTYNE	3.04
NEW DRY CREEK	9.47	BOISE CITY	3.01
NEW UNION	1.21	CONSUMERS	.11
MIDDLETON CANAL	35.00	LITTLE PIONEER	4.46

THE CREDITS GIVEN ABOVE ARE BASED ON A DRAINAGE FLOW OF 100 SECOND FEET.

JUDGE BRINK ORDERS, AUGUST, 1928, GIVES 90 INCHES ADDITIONAL TO FARMERS UNION.

DRAINAGE DISTRICT NO. 3

	PERCENT OF TOTAL		PERCENT OF TOTAL
BOARD OF CONTROL	49.00	ROSSI MILL	10.00
RIDENBAUGH	24.00	MEEVES	2.00
BUBB (SOUTH BOISE MUTUAL)	15.00		

THE CREDITS GIVEN ARE BASED UPON A DRAINAGE DISCHARGE OF 15 SECOND FEET.

DRAINAGE DISTRICT NO. 4

THURMAN MILL	570.98 INCHES
RIDENBAUGH	51.34 "
WARM SPRINGS SLOUGH	127.68 "

THE CREDITS ABOVE ARE BASED ON A DRAINAGE DISCHARGE OF 750 INCHES, AND THE AMOUNTS ARE A DIRECT COURT ORDER.

DISTRIBUTION OF DRAINAGE WATER TO VARIOUS CANALS

CHART NO. 20

DRAINAGE DISTRICT NO. 2

	PERCENT OF TOTAL		PERCENT OF TOTAL
FARMERS UNION	20.99	CANYON COUNTY	12.68
BOISE VALLEY	10.03	BALLENTYNE	3.04
NEW DRY CREEK	9.47	BOISE CITY	3.01
NEW UNION	1.21	CONSUMERS	.11
MIDDLETON CANAL	35.00	LITTLE PIONEER	4.46

THE CREDITS GIVEN ABOVE ARE BASED ON A DRAINAGE FLOW OF 100 SECOND FEET.

JUDGE BRINK ORDERS, AUGUST, 1928, GIVES 90 INCHES ADDITIONAL TO FARMERS UNION.

DRAINAGE DISTRICT NO. 3

	PERCENT OF TOTAL		PERCENT OF TOTAL
BOARD OF CONTROL	49.00	ROSSI MILL	10.00
RIDENBAUGH	24.00	MEEVES	2.00
BUBB (SOUTH BOISE MUTUAL)	15.00		

THE CREDITS GIVEN ARE BASED UPON A DRAINAGE DISCHARGE OF 15 SECOND FEET.

DRAINAGE DISTRICT NO. 4

THURMAN MILL	570.98 INCHES
RIDENBAUGH	51.34 "
WARM SPRINGS SLOUGH	127.68 "

THE CREDITS ABOVE ARE BASED ON A DRAINAGE DISCHARGE OF 750 INCHES, AND THE AMOUNTS ARE A DIRECT COURT ORDER.

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
				SEC. FT.	INCHES	
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	63-0278
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	1.80	90	63-0280
8-C	1865	LOUISE SIMONSON	LEMP DITCH	6.00	300	63-0270
8-D	1865	S. G. HARDIES	BUBB	.50	25	63-0281
31-A	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.30	115	63-0254
31-B	6-1-1866	MINNIE & JEREMIAH COUZENS	MIDDLETON WATER	.60	30	63-0255
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	63-0001
35-A	6-1-1867	RALPH T. KNIGHT & ORA K. TILLER	CANYON COUNTY WATER CO.	1.76	88	63-0277
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	63-0279
50-A	1870	(S. G. HARDIES	BUBB	1.00	50	63-0282)
		(AMELIA EISLEY				63-0283)
59-A	5-1-1875	KARL F. & OTTO W. ROEDEL	INDIAN CREEK	3.20	160	63-0305
66-A	4-1-1878	J. S. KRAUSS	BALLENTYNE	.80	40	63-0265
66-C	4-1-1878	J. W. KOLANDER	BALLENTYNE	1.40	70	63-0289
66-D	4-1-1878	M. T. GRIFFITH	BALLENTYNE	.80	40	63-0264
71-A	4-1-1879	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	3.00	150	63-0291
73-A	4-1-1880	GOBLE & SONGER	NEW DRY CREEK	.54	27	63-0288
73-B	1880	ALBERT LEMP ET AL	BAXTER DITCH	3.20	160	63-0368
74-A	6-1-1880	C. B. FRANK	NEW DRY CREEK	1.816	90.8	63-0263
77-A	6-1-1881	GUS A. BARTH	PARMA DITCH CO.	1.60	80	63-0272
77-B	6-1-1881	CHARLES JURRIES	PARMA DITCH CO.	.34	17	63-0274
77-C	6-1-1881	JAMES FINLAY	PARMA DITCH CO.	.80	40	63-0275
77-D	6-1-1881	LESTER J. SHIPPY	PARMA DITCH CO.	1.30	65	63-0273
77-E	4-15-1882	ROC HELM	RIVERSIDE IRRIG. DIST.	3.674	183.70	63-0290
85-A	6-1-1882	LEO MARSTERS	WARM SPRINGS SLOUGH	1.76	88	63-0287
85-B	4-1-1883	JACOB BINGMAN	SETTLERS	1.00	50	63-0257
85-C	5-1-1883	WM. HUCKBA	NEW DRY CREEK	.2232	11.16	63-0259
85-D	5-1-1883	C. H. SCHMELZER	BALLENTYNE	.8256	41.28	63-0260
85-E	5-1-1883	C. W. MCCLURG	NEW DRY CREEK	.385	19.25	63-0261
106-A	3-1-1889	AMELIA EISLEY	BUBB	.84	42	63-0284
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	63-0276
114-B	5-1-1889	GUS A. BARTH	O'DONNELL & BARTH	.80	40	63-0271
116-A	6-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	63-0266
116-B	6-1-1890	WILLIS B. SPENCER	RIVERSIDE IRRIG. DIST.	.10	5	63-0267
116-C	6-1-1890	REBECCA BELL	RIVERSIDE IRRIG. DIST.	.40	20	63-0268
123-A	4-15-1893	OTTO & MARIE MULLER	MIDDLETON MILL DITCH	1.60	80	63-0370
124-A	5-1-1893	W. D. CHARTERS	NEW DRY CREEK	.825	41.25	63-0258
129-A	4-1-1897	H. E. PLAIN	NEW DRY CREEK	.54	27	63-0286
136	5-1-1906	H. E. WIMER	BALLENTYNE	.392	19.6	63-0285
137	5-1-1909	B. P. WEAVERLING	MACE & MACE	1.76	88	63-0253
137-A	4-1-1910	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	7.00	350	63-0292
138	6-14-1912	WESLEY A. MACE	MACE & CATLIN	.44	22	63-0361
139	4-1-1915	ISLAND HIGH LINE DITCH CO.	ISLAND HIGH LINE DITCH	10.00	500	63-0293

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 22

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE	DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN FEET	BY WHOM TRANSFERRED	REMARKS
	FROM	TO								
12	SIEBENBERG	CANYON DITCH	63-0138	9	6-1-1865	4-8-1912	.50	25	HENRY MEER	
29	CALDWELL HIGH LINE	CANYON COUNTY	63-0179	46	6-1-1869	8-26-1918	1.00	50	J. C. HUGHES	
32	DAVIS	DAVIS DITCH	63-0122	119	6-1-1891	7-15-1919	.54	27	DAVIS ESTATE	
35	PIONEER DIXIE	RIVERSIDE	63-0136	8	9-1-1864	4-3-1919	.72	36	REBECCA BELL	
			63-0137	45	6-1-1869		1.28	64		
36	CANYON COUNTY	MIDDLETON WATER	63-0158	35	6-1-1867	4-12-1918	.38	19	DIAPER, BODLE, WATT, SURGEON	FLAKE DITCH
36A	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	4-19-1909	2.00	100	C. H. ROSENBERGER	
38	HART & DAVIS	SEVEN SUCKERS	63-0186	57	6-1-1872	9-24-1915	1.04	52	SHAFFER, BLAIR, JENKINS, PARROTT	
			63-0187	58	6-1-1872					
39	HART & DAVIS	SEVEN SUCKERS	63-0186	57	6-1-1872	6-12-1918			GEORGE DAMBO	
			63-0187	58	6-1-1872					
47	AMERICAN DITCH	EUREKA NO. 2	63-0233	96	10-1-1887	3-18-1910	29.50	1475	AMERICAN DITCH ASSN.	
48	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	3-31-1910	4.10	210	HAKEY & WILLIAM NICHOLS, C.W. COOPER	
50	LOWER CENTER POINT	BOWMAN & SWISHER	63-0151	19	6-1-1865	3-31-1920	2.88	144	JOHN SWISHER	
51	LOWER CENTER POINT	BOWMAN & SWISHER	63-0152	20	6-1-1865	3-31-1920	6.40	320	BIRD BOWMAN	
54	CANYON COUNTY	MIDDLETON MILL	63-0168	35	6-1-1867	4-24-1920	1.11	55.5	H. G. DUDLEY	FOOTE & WISEMAN
57	MIDDLETON WATER	BALLENTYNE	63-0198	65	6-1-1877	12-2-1920	.60	30	EDWARD MCCLINTOCK	
59	KENNEDY	CANYON COUNTY	63-0163	31	6-1-1866	3-18-1921	2.60	130	DANIEL W. KENNEDY	
61	KENNEDY & LAWRENCE	MIDDLETON WATER	63-0255	318	6-1-1866	6-22-1921	.60	30	MINNIE COUZENS	
62	PIONEER DIXIE	EUREKA NO. 2	63-0233	96	10-1-1887	11-14-1910	1.00	50	J. A. CARPENT	
64	BALLENTYNE	NEW DRY CREEK	63-0238	102	6-1-1888	12-21-1921	.20	10	HARRY TEARVEY	
71	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	3-18-1911	.80	40	J. D. BOLAND	
75	MIDDLETON MILL	CANYON COUNTY	63-0168	35	6-1-1867	11-25-1924	.50	25	DEWEDE, NORTHWESTERN & PACIFIC HYDROELECTRIC	
76	TRIMMAN DRAIN	SETTLERS	63-0257	858	4-1-1883	3-12-1925	1.00	50	JACOB BENJAMIN	
77	BURN	BAHLER	63-0279	84	4-1-1865	4-26-1925	.80	40	ADOLPH BAHLER	
			63-0279	474	4-1-1870		.80	40		
83	WARM SPRINGS DITCH	SETTLERS	63-0287	854	6-1-1882	4-29-1926	.72	36	LED MARSTERS	
84	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	3-9-1926	.80	40	J. C. DALPYS	
85	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	5-2-1926	.50	25	J. C. BRUCE	
103	PADMA DITCH	PADMA DITCH	63-0203	71	6-1-1878	10-3-1928	11.96	598	CHARLES JUPRIES	NEW DIVERSION POINT
			63-0203	74	6-1-1880					
			63-0272	774	6-1-1888					
			63-0274	778	6-1-1888					
			63-0275	778	6-1-1888					
			63-0273	770	6-1-1888					
			63-0204	175	6-1-1894					
126	LAWRENCE & KENNEDY	MIDDLETON WATER	63-0254	314	6-1-1866	3-25-1931	2.30	115	WILLIAM HUSSEY	
127	BOWMAN & SWISHER	BAKER DITCH	63-0152	20	6-1-1865	8-15-1930	.80	40	WILLIAM BAXTER	
131	EUREKA NO. 2	LOWER CENTER POINT	63-0273	83	11-9-1883	1-16-1932	.70	35	R. F. MCGUIRE	
140	BALLENTYNE	NEW DRY CREEK	63-0250	850	5-1-1883	4-11-1934	.06	3	CHARLES H. SCHWELZER	
141	FISCHER POWER	FISCHER POWER	63-2023		12-26-1908	12-18-1934	200.00	10000	FISCHER POWER ONLY	RELIN FAIRVIEW BRIDGE
147	MIDDLETON MILL	CANYON COUNTY	63-0168	35	6-1-1867	1-8-1936	.20	10	COHA M. CLIFTON	
148	PIONEER DIXIE	UPPER CENTER POINT	63-0233	96	10-1-1887	4-17-1936	3.00	150	DORA GREY	
151	NEW DRY CREEK	BALLENTYNE	63-0258	1244	3-1-1893	2-18-1937	.135	6.75	J. H. COLE	
152	BAHLER DITCH	RIDENBAUGH	63-0279	474	4-1-1870	5-15-1937	.80	40	ADOLPH BAHLER	
153	REYN-KRON-BAHLER	RIDENBAUGH	63-0249	127	5-1-1895	5-15-1937	1.00	50	ADOLPH BAHLER	
154	BAHLER DITCH	RIDENBAUGH	63-0278	84	4-1-1865	5-15-1937	.80	40	ADOLPH BAHLER	
153	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	5-27-1939	.10	5	RAYMOND T. BRESHEARS	
161	BALLENTYNE	NEW DRY CREEK	63-0239	103	6-1-1888	5-3-1940	.65	32.5	SIDMAN I. BARBER	
166	EUREKA NO. 2	PIONEER DIXIE	63-0233	96	10-1-1887	4-21-1941	.60	30	D. W. BALDWIN	
171	EUREKA NO. 2	EUREKA NO. 2	63-0273	89	11-9-1883	2-26-1943	21.70	1085	RAYMOND T. BRESHEARS	NEW DIVERSION POINT
			63-0233	96	10-1-1887		24.50	1425		
			63-0156	24	6-1-1865		1.30	65		

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECEASED RIGHTS ON BOISE RIVER

CHANGES, 1911

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER RESOURCES	PRIORITY NO.	DATE	DATE OF CHANGE	QUANTITY IN CFS.	QUANTITY IN INCHES	BY WHOM RECOMMENDED	REMARKS
	FROM	TO								
172	UPPER CENTER POINT	UPPER CENTER POINT	(63-0155)	1 23	6-1-1865	2-26-1943	12.72	6360	HARRY VAPE	NEW DIVERSION POINT
			(63-0156)	1 24	6-1-1865					
			(63-0157)	1 25	6-1-1865					
			(63-0158)	1 26	6-1-1865					
			(63-0159)	1 27	6-1-1865					
			(63-0233)	1 96	10-1-1887		3.00	150		
174	BALLENTYNE	NEW DRY CREEK	63-0239	103	6-1-1888	3-28-1944	.24	12	FRANK M. RAY	
175	RIVERSIDE	EUREKA NO. 2	63-0222	88	6-1-1883	4-11-1944	1.70	85	WILBUR RUSSELL	
176	HAMMON DITCH	HAAS DITCH	63-0207	70	6-1-1878	4-18-1944	8.80	440	CHARLOTTE D. ALLEN	
179	MACE CATLIN	SEVEN SICKERS	(63-0132)	1 5	6-1-1864	3-31-1945	.168	8.4	IDAH0 FISH & GAME DEPT.	
			(63-0133)	1 52	6-1-1871		.072	3.6		
224	EUREKA NO. 2	BONMAN & SWISHER	(63-0223)	1 89	11-9-1883	9-3-1954	.70	35	J. E. HOUSTON	
			(63-0233)	1 96	10-1-1887		.20	10		
227	O'DONNELL	BOISE RIVER	63-0276	114A	5-1-1889	12-17-1954	1.50	80	A. C. CRAWFORTH	PUMPED FROM RIVER
243	BOISE RIVER	BOISE VALLEY	63-2360	LICENSE#15242	7-19-1921	6-30-1958	1.20	60	MADIE ECHEVARRIA & J.N. KESSINGER	(FORMERLY DIVERTED FROM A SLUICHS)
245	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	6-30-1958	.60	30	J. E. EXDERG	
254	RODIE CREEK	MOWIE CREEK	63-2036	LICENSE#1968	5-1-1906	12-20-1961	4.00	200	HARVEY BURNETT	
257	O'DONNELL	PARMA DITCH	63-0271	114B	5-1-1889	10-10-1962	.80	40	BERT L. TREDWAY	O'DONNELL DITCH WASHED AWAY
287	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	1-18-1966	1.40	70	JOHN E. EKREBB	
289	EUREKA NO. 2	UPPER CENTER POINT	63-0223	89	11-9-1883	3-18-1966	.50	25	EARL GILES	
305	MEVES NO. 1	MEVES NO. 2	63-0185	33	6-1-1871	6-10-1968	1.80	90	CHARLES LITTLE	
1575	LAWRENCE & KENNEDY	LITTLE PIONEER	63-0001	31C	6-1-1866	9-23-1968	1.10	55	MILTON SPARKS	
1647	THURMAN HILL	BOISE RIVER	63-0213	80	6-1-1882	12-7-1970	1.60	80	CLARENCE T. LARSON	PUMPED FROM RIVER
1711	RIDENBAUGH	SETTLERS	63-0199 (PART)	67	5-1-1878	7-3-1975	.40	20	CECIL A. THOMAS	NEW DIVERSION POINT

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF TRANSFER	QUANTITY IN CFS.	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE					
38	AMERICAN DITCH ASSN.	CANYON DITCH	63-0233	96	10-1-1887	9-1-1909	12.10	605	WM. M. MEISLER	
46	BARBER LUMBER CO.	PENITENTIARY	63-0184	30	6-1-1870	2-4-1910	2.24	112	BARBER LUMBER CO.	
195	SARVENING	CANYON DITCH	63-0138	9	6-1-1855	9-18-1912	.50	25	H. E. PECK	
151	BOISEA NO. 2	HILLCREST	63-0233	96	10-1-1887	11-25-1912	1.20	60	H. L. RANDALL ET AL	
	PIONEER DITCH	"	63-0136	8	9-1-1854		20.34	1017		
	"	"	63-0137	45	6-1-1859					
196	JACOBS	FARMERS UNION	63-0123	2	6-1-1854	6-8-1914	20.00	1000	BOISE FRUIT TRACT CO.	
219	PIONEER IRRIGATION DIST.	PIONEER IRRIGATION DIST.				7-15-1918	8.64	432	PIONEER IRRIGATION DISTRICT	LICENSED RIGHT INDIAN CREEK
300	MIDDLETON MILL	NEW DRY CREEK	63-0124	3	6-1-1854	4-20-1921	.35	17.5	EMMA M. FOWLER	
			63-0125	54	6-1-1871					
			63-0126	120	6-1-1871					
301	MIDDLETON MILL	NEW DRY CREEK	63-0124	3	6-1-1854	4-20-1921	1.54	77	JOHN F. GROOME	
			63-0125	54	6-1-1871					
			63-0126	120	6-1-1871					
347	MIDDLETON MILL	SETTLERS	63-0124	3	6-1-1854	2-6-1925	.14	7	C. E. WHITE	
349	MIDDLETON MILL	SETTLERS	63-0124	3	6-1-1854	2-6-1925	.14	7	FRANK WEASEL	
350	MIDDLETON MILL	SETTLERS	63-0124	3	6-1-1854	2-6-1925	.14	7	CARL A. GISH	
357	MIDDLETON WATER	SETTLERS	63-0198	65	6-1-1877	5-5-1925	.20	10	BELLIE B. WHITAKER	
370	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1856	3-16-1926	1.125	56.2	HENRY W. BARTLETT	
373	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1856	4-26-1926	.375	18.7	L. A. RICE	
374	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	5-6-1926	.40	20	H. D. PARKS	
375	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	5-6-1926	.40	20	A. G. WING	
384	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	MARY F. LEACH	
385	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	H. E. MCCONNELL	
386	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	H. W. BARTLETT	
387	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	7-8-1926	.40	20	E. E. SMITH	
391	MIDDLETON MILL	FARMERS UNION	63-0124	3	6-1-1854	8-13-1926	.15	7.5	RUSH CHASE	
			63-0125	54	6-1-1871					
392	MIDDLETON WATER	RIDENBAUGH	63-0198	65	6-1-1877	8-21-1926	.40	20	FRED EGGERS	
393	MIDDLETON MILL	FARMERS UNION	63-0124	3	6-1-1854	9-15-1926	.288	14.4	A. C. BOWENMAN	
			63-0125	54	6-1-1871					
			63-0126	120	6-1-1871					
395	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	11-16-1926	.50	25	G. R. MCGUIRE	
412	DOHRMAN MILL	SETTLERS	63-0214	81	6-1-1882	12-3-1927	.40	20	CHAS. P. FACE	
430	FARMERS UNION	SETTLERS	63-0158	65	6-1-1877	7-2-1928	.25	12.5	D. E. ALLISON	FORMERLY MIDDLETON WATER
466	RIDENBAUGH	NEW YORK	63-0200	106	8-20-1888	7-6-1929	8.90	445	W. H. TILLER	
512	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	5-27-1932	1.00	50	W. SCOTT AMERTSON	
513	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	5-27-1932	.50	25	FARMERS UNION DITCH	
530	JACOBS CANAL	NAMPA MERIDIAN	63-0120	1	6-1-1864	5-15-1934	.30	15	A. B. WHITNEY	
595	"	SETTLERS		1	6-1-1864	9-9-1938	.20	10	BOISE TRUST CO.	
608	RIVERSIDE	PIONEER DITCH	63-0222	88	6-1-1883	4-29-1940	1.00	50	W. F. TRACY	SONMERFAR
644	RIVERSIDE	PIONEER DITCH	63-0222	88	6-1-1883	12-9-1942	.70	35	S. E. SMITH	FALK
654	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-18-1943	2.00	100	W. W. HOWELL	
660	RIVERSIDE	PIONEER DITCH	63-0222	88	6-1-1883	4-11-1944	.60	30	D. W. BALDWIN	LARSON-HAMMING-BUDGE TRACTS
694	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-29-1946	.60	30	W. W. HOWELL	EARL-FENNER-STARK-RYLE
701	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	12-20-1946	2.00	100	W. W. HOWELL	REX JENSEN (BOISE-RIVER (PRIC.))
707	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-20-1946	.60	30	W. W. HOWELL	MRS. EDITH CURTIS
712	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	6-14-1947	.90	45	W. W. HOWELL	SIMPSON-DEMOND-SIMPSON
715	CONSUMERS	NEW DRY CREEK	63-0161	30	5-1-1866	6-14-1947	.54	27	W. W. HOWELL	J. S. PERRE
717	SARVENING	FARMERS CO-OP.	63-0138	9	6-1-1855	11-25-1947	.64	32	R. M. TUCKER	
720	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-4-1948	1.34	67	W. W. HOWELL	DOTY-FROQUA-DOFFINOTS- CALDWELL-STEEL-ROYLEANCE

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF TRANSFER	QUANTITY IN CFS	QUANTITY IN ACRE-FT.	BY WHOM TRANSFERRED	REMARKS	
	FROM	TO		NO.	DATE						
776	BOURNHILL	SETTLERS	63-0120	37	6-1-1868	3-5-1949	1.30	30	ALBRIGHT SURNAME CO.		
777	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	3-5-1949	1.30	30	W. M. HOWELL		
778	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-7-1949	.35	7.5	W. M. HOWELL		
779	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-14-1950	.46	23	J. R. FIELD	BY HADCO TRACT, 10th MARBLE TRACT	
784	CONSUMERS	MIDDLETON HILL	63-0161	30	5-1-1866	4-14-1950	.40	20	J. R. FIELD	BRINK TRACT	
780	HILLCREST	NEW YORK	63-0136	1	8	5-1-1864	3-28-1952	21.54	1077	FOREST SOWER	
			63-0137	1	45	6-1-1869					
			63-0233	1	96	10-1-1887					
803	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	7-13-1934	6.00	300	G. S. TAYLOR	BOISE-RIVER IRRIGATION DIST.	
829	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	9-3-1934	.48	24	G. S. TAYLOR	10th-GOLDEN RENT, 14th-EDMUND RUCKLEY	
871	BOURNHILL	SETTLERS	63-0161	36	6-1-1868	10-2-1956	.288	14.4	J. FRANK DRYCE		
872	BOURNHILL	SETTLERS	63-0161	36	6-1-1868	10-2-1956	.22	11	GEORGE D. KEYSER, JR.		
873	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-2-1956	.20	10	G. S. TAYLOR	THEODORE L. JOHNSON TRACT	
870	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-11-1957	.10	5	FRANCIS H. MITZEL	R. S. POTTER TRACT	
906	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-3-1958	.10	5	FRANK MITZEL	R. W. WHITE TRACT	
917	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1958	.20	10	FRANCIS H. MITZEL	MAN-SPRAGUE TRACT	
918	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1958	.025	1.25	FRANCIS H. MITZEL	H. P. IRBY TRACT	
940	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-15-1960	.05	2.5	FRANK MITZEL	EARL M. & DELLA LUNHART TRACT	
976	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	1-17-1962	1.30	75	G. S. TAYLOR	SYNTH FRUIT RANCH, INC.	
977	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	1-17-1962	.20	10	G. S. TAYLOR	EVERET RAMBO TRACT	
979	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1962	.10	5	G. S. TAYLOR	R. E. & DAISY M. THOMPSON TRACT	
980	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1962	.12	6	G. S. TAYLOR	CHESNEY LITTLE TRACT	
989	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-29-1962	.20	10	G. S. TAYLOR	THELTON E. CHRISTENSEN TRACT	
990	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-5-1962	.08	4	G. S. TAYLOR	LYLE F. TRAPP TRACT	
1007	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	7-5-1962	.16	8	G. S. TAYLOR	CHARLES G. HYDE TRACT	
1009	NEW DRY CREEK	DRAIN DITCH	63-0288	30-A	4-1-1880	5-16-1963	1.00	50	G. S. TAYLOR	GLENN DRAPER	
1010	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	6-24-1963	.10	5	NEW DRY CREEK	R. B. REFF	
1011	CONSUMERS	RIVER	63-0161	30	5-1-1866	6-3-1963	2.00	100	G. S. TAYLOR	JOHN DORSON	
1017	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	6-3-1963	3.00	150	G. S. TAYLOR	SURPRISE VALLEY FARMS	
1033	CONSUMERS	MORES CREEK	63-0161	30	5-1-1866	9-28-1963	.60	30	G. S. TAYLOR	FRANCIS HERMAN TRACT	
1038	CONSUMERS	PHYLLIS	63-0161	30	5-1-1866	9-4-1964	2.00	100	G. S. TAYLOR	CARL NICHOLSON	
1048	BOISE CITY	FARMERS UNION	63-0161	33	6-1-1866	10-28-1964	21.715	1085.75	G. S. TAYLOR	PIONEER IRRIGATION DIST.	
1059	BOISE CITY	FARMERS UNION	63-0161	33	6-1-1866	5-18-1965	.0875	4.38	BOISE CITY CANAL	LEATHERMAN & BINGHAM	
1074	MORES CREEK	NEW YORK	63-0161	30	5-1-1866	10-28-1965	.10	5	BOISE CITY CANAL	W. T. & HATTIE M. SPRINGER	
1075	HANVILLE & LEONARD	FARMERS UNION	63-0161	32	6-1-1866	10-13-1966	2.00	100	CARL NICHOLSON	AVON ORCHARD TRACTS	
			63-0161H	32	6-1-1866	11-17-1973	1.00	90.0	SYRINGA GARDENS		

STEWART DECREE

CHART NO. 24

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
1	6-1-1864	THOMAS DAVIS			
2	6-1-1864	JACOBS CANAL CO.	2.20	110	63-0120
3	6-1-1864	MIDDLETON MILL DITCH	20.00	1000	63-0123
4	6-1-1864	THOMAS ANDREWS	12.80	640	63-0124
5	6-1-1864	CATLIN & MACE	3.30	165	63-0127
6	6-1-1864	T. C. CATLIN	2.86	143	63-0132
7	6-1-1864	C. C. HAVIRD	3.30	165	63-0134
8	9-1-1864	PIONEER DIXIE DITCH CO.	3.30	165	63-0135
9	6-1-1865	SIEBENBERG DITCH CO.	20.00	1000	63-0136
10	6-1-1865	ALLEN V. WEBSTER	13.42	671	63-0138
11	6-1-1865	J. F. YARYAN	1.20	60	63-0139
12	6-1-1865	GRAHAM & GILBERT	.66	33	63-0141
13	6-1-1865	EUREKA WATER CO.	4.40	220	63-0144
14	6-1-1865	NEW UNION DITCH CO.	33.32	1666	63-0145
15	6-1-1865	BOISE VALLEY IRRIGATION DITCH CO.	13.76	688	63-0146
16	6-1-1865	RIDENBAUGH & ROSSI	54.58	2729	63-0147
17	6-1-1865	RIDENBAUGH & ROSSI (POWER)	9.20	460	63-0148
18	6-1-1865	DENVER & IDAHO LAND CO.	265.80	13290	63-0149
19	6-1-1865	MARTHA BOWMAN	.80	40	63-0150
20	6-1-1865	BIRD BOWMAN	2.88	144	63-0151
21	6-1-1865	G. W. GESS	6.40	320	63-0152
22	6-1-1865	ROBERT MCGUIRE	2.90	145	63-0153
23	6-1-1865	C. W. COOPER	3.20	160	63-0154
24	6-1-1865	J. W. ROLAND	3.20	160	63-0155
25	6-1-1865	DRAPER & WELLS	2.40	120	63-0156
26	6-1-1865	THOMAS J. PALMER	3.94	197	63-0157
27	6-1-1865	NOAH W. PALMER	1.60	80	63-0158
28	6-1-1865	J. N. TUCKER	1.58	79	63-0159
29	6-1-1865	THOMAS ANDREWS	7.00	350	63-0160
30	5-1-1866	J. PERRAULT & R. JOHNSON	6.00	300	63-0128
31	6-1-1866	WILLIAM P. KENNEDY	50.00	2500	63-0161
32	6-1-1866	MANVILLE & LEONARD	2.60	130	63-0163
33	6-1-1866	BOISE CITY CANAL CO.	3.50	175	63-0164
34	7-3-1866	FRANKLIN DITCH CO.	38.06	1903	63-0165
35	6-1-1867	CANYON COUNTY WATER CO.	15.40	770	63-0166
36	6-1-1868	MARTHA E. MCCARTY	75.80	3790	63-0168
37	6-1-1868	H. D. DORA GOODMAN	14.10	705	63-0169
38	6-1-1868	T. T. JOHNSON	3.70	185	63-0170
39	6-1-1868	ROSS, ALLEN, DILLEY & ROSS	3.20	160	63-0171
40	6-1-1868	S. S. GRAY	8.54	427	63-0172
41	6-1-1869	JOHN MAMMON	1.40	70	63-0173
42	6-1-1869	ISAAC BEDAL	1.80	90	63-0174
43	6-1-1869	FREDERICK ODE	1.60	80	63-0176
44	6-1-1869	PRIOR BURNETT	3.60	180	63-0177
45	6-1-1869	PIONEER DIXIE DITCH CO.	8.50	425	63-0178
			35.44	1772	63-0137

STEWART DECREE

CHART NO. 24

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
46	6-1-1869	MASON CREEK DITCH CO.			
47	6-1-1869	T. W. BOONE	37.20	1860	63-0179
48	6-1-1870	W. J. HAMMING	3.50	175	63-0180
49	6-1-1870	PIONEER CANAL	2.60	130	63-0182
50	6-1-1870	BARBER LUMBER CO.	25.72	1286	63-0183
51	6-1-1870	THOMAS ANDREWS	2.24	112	63-0184
52	6-1-1871	CATLIN & MACE	1.30	65	63-0129
53	6-1-1871	PETER MEEVES	7.86	393	63-0133
54	6-1-1871	MIDDLETON MILL DITCH CO.	1.80	90	63-0185
55	6-1-1872	J. F. YARYAN	33.70	1685	63-0125
56	6-1-1872	J. F. YARYAN	.70	35	63-0142
57	6-1-1872	MARY C. DAVIS	1.40	70	63-0143
58	6-1-1872	EDWARD N. HART	4.40	220	63-0186
59	6-1-1874	T. W. BOONE	3.30	165	63-0187
60	6-1-1875	FARMERS COOPERATIVE DITCH CO.	2.20	110	63-0181
61	6-1-1876	EDWARD & MARY CLARK	10.00	500	63-0188
62	6-1-1876	JOHN CECIL	2.30	115	63-0192
63	6-1-1877	THOMAS AIKENS	.44	22	63-0193
64	6-1-1877	W. H. CONWAY	5.20	260	63-0194
65	6-1-1877	MIDDLETON WATER CO.	.90	45	63-0196
66	7-1-1877	PERRAULT & JOHNSON (POWER)	114.08	5704	63-0198
67	5-1-1878	NAMPA MERIDIAN IRRIGATION DISTRICT	200.00	10000	63-0162
68	6-1-1878	JOHN MAMMON	170.00	8500	63-0199
69	6-1-1878	JULIA MAMMON	4.20	210	63-0175
70	6-1-1878	CHARLES ALLEN	3.36	168	63-0201
71	6-1-1878	R. H. STOCKTON	8.80	440	63-0202
72	6-1-1879	NEW DRY CREEK DITCH CO.	4.40	220	63-0203
73	6-1-1879	D. MUMFORD	31.32	1566	63-0205
74	6-1-1880	SMITH STOCKTON	4.00	200	63-0208
75	7-1-1880	ISHAM JOPLIN	1.76	88	63-0209
76	10-20-1880	JOSEPH GOBLE	2.40	120	63-0210
77	10-29-1880	FRANKLIN DITCH CO.	.90	45	63-0211
78	6-1-1882	ALLEN V. WEBSTER	27.60	1380	63-0167
79	6-1-1882	SUSIE CAMPBELL	.90	45	63-0140
80	6-1-1882	J. T. BARBER	.60	30	63-0212
81	6-1-1882	SONORA JOPLIN	1.60	80	63-0213
82	6-1-1882	S. W. HUTCHINSON	3.40	170	63-0214
83	6-1-1882	JOHNSON	.44	22	63-0217
84	6-1-1882	ANDREW J. JOPLIN	.44	22	63-0218
85	6-1-1882	JAMES L. GRAHAM	2.86	143	63-0219
86	6-1-1883	FARMERS COOPERATIVE DITCH CO.	2.20	110	63-0220
87	6-1-1883	FRANCIS M. JOPLIN	20.00	1000	63-0189
88	6-1-1883	W. A. BLACK	.90	45	63-0221
89	11-9-1883	EUREKA DITCH CO. NO. 2	12.00	600	63-0222
90	6-1-1884	PIONEER IRRIGATION DISTRICT	21.70	1085	63-0223
			53.10	2655	63-0371

STEWART DECREE

CHART NO. 24

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
91	6-1-1884	RIVERSIDE IRRIGATION DISTRICT			
92	10-17-1884	SETTLERS CANAL CO.	20.00	1000	63-0226
93	6-1-1886	NEW DRY CREEK DITCH	99.06	4953	63-0230
94	6-1-1886	THOMAS DAVIS	15.22	761	63-0206
95	1-23-1887	WM. C., L. & E. YOUNG	13.40	670	63-0121
96	10-1-1887	AMERICAN DITCH ASSOCIATION	4.00	200	63-0232
97	6-1-1888	NEW DRY CREEK DITCH CO.	47.80	2390	63-0233
98	6-1-1888	A. V. LINDER	7.86	393	63-0207
99	6-1-1888	LEVI SMITH	4.00	200	63-0234
100	6-1-1888	CHARLOTTE CALHOUN	1.30	65	63-0235
101	6-1-1888	ED. J. LINDER	1.40	70	63-0236
102	6-1-1888	LIZZIE EVERETT	1.46	73	63-0237
103	6-1-1888	JESSE WILSON	1.20	60	63-0238
104	6-1-1888	THOMAS ANDREWS	1.40	70	63-0239
105	7-1-1888	FARMERS COOPERATIVE DITCH CO.	.90	45	63-0130
106	8-20-1888	NAMPA MERIDIAN IRRIGATION DISTRICT	50.00	2500	63-0190
107	5-1-1889	CHARLES H. MILLER	370.84	18542	63-0200
108	5-1-1889	LOOMIS L. HOSLEY	.06	3	63-0240
109	5-1-1889	S. J. UTTER & C. B. TAYLOR	.02	1	63-0241
110	5-1-1889	SOUTH BOISE MUTUAL IRRIGATION CO.	2.40	120	63-0242
111	5-1-1889	ESTATE OF J. H. GALLAGHER	6.00	300	63-0243
112	5-1-1889	ANNIE H. FOGARTY	2.94	147	63-0244
113	5-1-1889	GRACE CALL	.05	2.5	63-0245
114	5-1-1889	SAMUEL H. CANFIELD	.10	5	63-0246
115	6-1-1889	SONORA JOPLIN	.03	1.5	63-0247
116	6-1-1889	SONORA JOPLIN	.06	3	63-0215
117	9-1-1890	PIONEER IRRIGATION DISTRICT	1.20	60	63-0216
118	6-1-1891	W. H. CONWAY	200.00	10000	63-0224
119	6-1-1891	THOMAS DAVIS	2.20	110	63-0197
120	6-1-1891	MIDDLETON MILL DITCH CO.	.54	27	63-0122
121	6-1-1891	THOMAS ANDREWS	17.00	850	63-0126
122	6-1-1891	SETTLERS CANAL CO.	3.50	175	63-0131
123	6-1-1891	THOMAS AIKEN	73.44	3672	63-0231
124	5-1-1893	RIVERSIDE IRRIGATION DISTRICT	.80	40	63-0195
125	6-1-1894	R. H. STOCKTON	80.00	4000	63-0227
126	7-2-1894	FARMERS UNION DITCH CO.	1.76	88	63-0204
127	5-1-1895	CHARLES REIN & JANE KEOH	110.00	5500	63-0248
128	7-1-1895	MATHEW CASEY	1.00	50	63-0249
129	7-1-1896	FARMERS COOPERATIVE DITCH CO.	.66	33	63-0250
130	10-1-1899	RIVERSIDE IRRIGATION DISTRICT	83.50	4175	63-0191
131	3-23-1900	NEW YORK CANAL CO.	20.00	1000	63-0228
132	5-17-1900	CANYON DITCH CO.	219.10	10955	63-0251
133	6-1-1901	RIVERSIDE IRRIGATION DISTRICT	10.00	500	63-0369
134	10-25-1901	CANYON DITCH CO.	70.00	3500	63-0229
135	4-1-1904	PIONEER IRRIGATION DISTRICT	5.54	277	63-0252
			56.34	2817	63-0225

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	NO.	PRIORITY DATE	AMOUNT DECREED			INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
AIKEN			63	6-1-1877	5.20			260	
			73-A	4-1-1880	.10			5	5.30
ANDREWS DITCH			4	6-1-1864	3.30			165	
			29	6-1-1865	6.00			300	
			44	6-1-1869	8.50			425	
			51	6-1-1870	1.30			65	
			104	6-1-1888	.90			45	
			121	6-1-1891	3.50			175	23.50
BALLENTYNE			98	6-1-1888	4.00			200	
			99	6-1-1888	1.30			65	
			100	6-1-1888	1.40			70	
			101	6-1-1888	1.46			73	
			102	6-1-1888	1.20			60	
			103	6-1-1888	1.40			70	
			123	6-1-1891	.80			40	
			66-A	4-1-1878		.80		40	
			66-C	4-1-1878		1.40		70	
			66-D	4-1-1878		.80		40	
			85-D	5-1-1883		.8256		41.23	
			136	5-1-1906		.392		19.6	
	57		65	6-1-1877	.60			30	
	64*		102	6-1-1888	.20*			10"	
	140*		85-D	5-1-1883		.07*		3.5"	
	151		124-A	5-1-1893		.135		6.75	
	161*		103	6-1-1888	.65*			32.5"	
	174*		103	6-1-1888	.24*			12"	15.3526
BAXTER			73-B	1880	3.20			150	
	127		20	6-1-1865	.80			40	4.00
BOISE CITY			33	6-1-1866	38.06			1903	
	370*		33	6-1-1866	1.124*			56.2"	
	373*		33	6-1-1866	.374*			18.7"	
	1048*		33	6-1-1866	.0875*			4.375"	
	1059*		33	6-1-1866	.10*			5"	36.3745

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	STEWART DECREE	AMOUNT DECREED			TOTAL SEC. FT.
						INTERVENORS STEWART DECREE	BRYAN DECREE	INCHES	
BOISE VALLEY LICENSED RIGHT #15242		243	15	6-1-1865 7-19-1921	54.58			2729	
						(1.20)		60	55.78
BOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	
									12.70
BOWMAN & SWISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.80*			40*	
	224		89	11-9-1883	.20			45	
			96	10-1-1887	.70				9.38
BUBB (SOUTH BOISE MUTUAL)			107	5-1-1889	.06			3	
			108	5-1-1889	.02			1	
			109	5-1-1889	2.40			120	
			110	5-1-1889	6.00			300	
			111	5-1-1889	2.94			147	
			112	5-1-1889	.05			2.5	
			113	5-1-1889	.10			5	
			114	5-1-1889	.03			1.5	
	8-B		4-1-1865		1.80			90	
	8-D		4-1-1865		.50			25	
	50-A		1870		1.00			50	
	106-A		3-1-1889		.84			42	
			4-1-1905			5.40		270	
									21.14

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
CALDWELL HIGH LINE			34	6-1-1866	15.40			
			46	6-1-1869	37.20			770
			77	10-29-1880	27.60			1860
	29*		46	6-1-1869	1.00*			1380
								50* 79.20
CAMPBELL (CANYON DITCH CO.)			132	5-17-1900	10.00			500
			134	10-25-1901	5.54			277
		38	96	10-1-1887	12.10			605
		105	9	6-1-1865	.50			25 28.14
CANYON COUNTY			35	6-1-1867	75.80			3790
			35-A	6-1-1867		1.76		88
			46	6-1-1869	1.00			50
	29		35	6-1-1867	.38*			19*
	36*		35	6-1-1867	1.11*			55.5*
	54*		31	6-1-1866	2.60			130
	59		35	6-1-1867	.50			25
	75		35	6-1-1867	.20			10
	147							80.37
			48	6-1-1870	2.60			130
CONWAY & HAMMING			64	6-1-1877	.90			45
			118	6-1-1891	2.20			110 5.70
DAVIS (LITTLE DAVIS)			94	6-1-1886	13.40			670
			119	6-1-1891	.54			27 13.94
EUREKA NO. 1								1666 33.32
			13	6-1-1865	33.32			

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	NO.	PRIORITY DATE	AMOUNT DECREED				TOTAL SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	
EUREKA NO. 2			89	11-9-1883	21.70			1085	
	47		96	10-1-1887	29.50			1475	
	62		96	10-1-1887	1.00			50	
	71		24	6-1-1865	.80			40	
	85		24	6-1-1865	.50			25	
		111*	96	10-1-1887	1.20*			60*	
	131*		89	11-9-1883	.70*			35*	
	159		24	6-1-1865	.10			5	
	175		88	6-1-1883	1.70			85	
	224*		89	11-9-1883	.20*			10*	
			96	10-1-1887	.70*			35*	
	225*		89	11-9-1883	.60*			30*	
	287*		89	11-9-1883	1.40*			70*	
	289*		89	11-9-1883	.50*			25*	50.00
FARMERS UNION			126	7-2-1894	110.00			5500	
								1000	
	136		2	6-1-1864	20.00			56.2	
	370		33	6-1-1866	1.124			18.7	
	373		33	6-1-1866	.374			20	
	374		65	6-1-1877	.40			10	
	375		65	6-1-1877	.20			20	
	384		65	6-1-1877	.40			20	
	385		65	6-1-1877	.266			13.3	
	386		65	6-1-1877	.40			20	
	387		65	6-1-1877	.40			20	
	391		31	6-1-1864				7.5	
			54)	6-1-1871	.15				
	393		31	6-1-1864				14.4	
			54)	6-1-1871	.288				
			120)	6-1-1891				25	
	395		65	6-1-1877	.50			12.5*	
	430*		65	6-1-1877	.25*			40	
			65	6-1-1877	.80			50	
	84		1	6-1-1864	1.00			25	
	512		1	6-1-1864	.50			15	
	513		1	6-1-1864	.30				
	530			7-2-1894			54.46	2723	
				6-1-1866	.0875			4.375	
	1048		33	6-1-1866	.10			5	
	1059		33	6-1-1866	1.80			90	
	1855		32	6-1-1866					193.2995
GRAHAM & GILBERT								220	4.40
			12	6-1-1865	4.40				

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL INCHES SEC. FT.
HAAS DITCH	176		39	6-1-1868	8.54			427
			70	6-1-1878	8.80			440 17.34
HART & DAVIS	38*) 39*)		6	6-1-1864	3.30			165
			57	6-1-1872	4.40			220
			58	6-1-1872	3.30			165
			57	6-1-1872	.54*			27*
			58	6-1-1872	.50*			25* 9.96
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150
			137-A	4-1-1910		7.00		350
			139	4-1-1915		10.00		500 20.00
LEMP DITCH			B-C	1865		6.00		300 6.00
LITTLE PIONEER	1575		49	6-1-1870	25.72			1286
			31-C	6-1-1866		1.10		55 26.82
LOWER CENTER POINT	50* 51* 131 245 287		19	6-1-1865	2.89			144
			20	6-1-1865	6.40			320
			21	6-1-1865	2.90			145
			22	6-1-1865	3.20			160
			38	6-1-1868	3.20			160
			43	6-1-1869	3.60			180
			73	6-1-1879	4.00			200
			19	6-1-1865	2.88*			144*
			20	6-1-1865	6.40*			320*
			89	11-9-1883	.70			35
			89	11-9-1883	.60			30
			89	11-9-1883	1.40			70 19.60

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 83

NAME OF CANAL	CHANGE P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE	INTERVENORS STEWART DECREE	STEWART DECREE	BRYAN DECREE	
MACE CATLIN			5	6-1-1864	2.86			
			52	6-1-1871	7.86			
	179*		51	6-1-1864	.168*			
			521	6-1-1871	.072*			
			138	6-14-1912		.44		
MACE & MACE								
			137	5-1-1909		1.76		
MAMON			41	6-1-1869	1.80			
			68	6-1-1878	4.20			
			69	5-1-1878	3.36			
			70	5-1-1878	8.80			
	176*		70	6-1-1878	8.80*			
MIDDLETON HILL			3	6-1-1864	12.90			
			40	6-1-1868	1.40			
			54	6-1-1871	35.70			
			120	6-1-1891	17.00			
	54		35	6-1-1867	1.11			
	75*		35	6-1-1867	.50*			
	147*		35	6-1-1867	.20*			
		300*	31	6-1-1864				
			541	6-1-1871	.35*			
			1201	6-1-1891				
		301*	31	6-1-1864				
			541	6-1-1871	1.54*			
			1201	6-1-1891				
	347*		3	6-1-1864	.14*			
	349*		3	6-1-1864	.14*			
	350*		3	6-1-1864	.14*			
	391*		31	6-1-1864				
			541	6-1-1871	.15*			
	393*		31	6-1-1864				
			541	6-1-1871	.288*			
			1201	6-1-1891				
	754		30	5-1-1866	.40			
			123-A	5-15-1893		1.60		

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
MIDDLETON IRRIGATION								
	36		65	6-1-1877	114.08			5704
	57*		35	6-1-1867	.38			19
	61		65	6-1-1877	.60*			30*
	34*		31-B	6-1-1866		.60		30
	126		65	6-1-1877	.80*			40*
			31-A	6-1-1866		2.30		115
		357*	65	6-1-1877	.20*			10
		374*	65	6-1-1877	.40*			20*
		375*	65	6-1-1877	.20*			10*
		384*	65	6-1-1877	.40*			20*
		385*	65	6-1-1877	.266*			13.3*
		386*	65	6-1-1877	.40*			20*
		387*	65	6-1-1877	.40*			20*
		392*	65	6-1-1877	.40*			20*
		395*	65	6-1-1877	.50*			25*
								112.794
MISCELLANEOUS								
R. B. BETTY		1009	79-A	4-1-1880		.10		.10
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60		1.60
BOISE RIVER			80	6-1-1882	1.60			1.60
DRAINAGE DISTRICT #4 (MARSTERS DITCH)	83*		85-A	6-1-1882		1.76		88
			85-A	6-1-1882		.72*		36*
MANVILLE-LEONARD			32	6-1-1866	3.50			175
		1855*	32	6-1-1866	1.80*			90*
MCCURRY PUMP (LICENSED RIGHT #33487)				2-22-1967	(.56)			28
								.56
MEEVES			53	6-1-1871	1.80			90
								1.80
SURPRISE VALLEY FARMS		1011	30	5-1-1866	3.00			150
								3.00

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
NEW DRY CREEK			72	6-1-1879	31.32			1566
			93	6-1-1886	15.22			761
			97	6-1-1888	7.86			393
			129-A	4-1-1897		.54		27
			73-A	4-1-1880		.54		27
			74-A	6-1-1880		1.816		90.8
			85-C	5-1-1883		.2232		11.16
			85-E	5-1-1883		.385		19.25
			124-A	5-1-1893		.825		41.25
		300	3)	6-1-1864				
		300	54)	6-1-1871	.35			17.5
		300	120)	6-1-1891				
		301	3)	6-1-1864				
		301	54)	6-1-1871	1.54			77
		301	120)	6-1-1891				
	64		102	6-1-1888	.20			10
	140		85-D	5-1-1883		.07		3.5
	151*		124-A	5-1-1893		.135*		6.75*
	161		103	6-1-1888	.65			32.5
	174		103	6-1-1888	.24			12
		713	30	5-1-1866	.54			27
	1009*		73-A	4-1-1880		.10*		5*
								62.0842
NEW UNION			14	6-1-1865	13.76			688
								13.76

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	NO.	PRIORITY DATE	AMOUNT DECREED				TOTAL SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	
NEW YORK			131	3-23-1900	219.10			10955	
				3-23-1900			58.86	2943	
				12-14-1903			1354.58	67729	
				6-16-1909			926.50	46325	
		(790-111)	8	9-1-1864	20.00			1000	
			45	6-1-1869	.34			17	
		(790-111)	96	10-1-1887	1.20			60	
		466	106	8-20-1888	8.90			445	
		701	30	5-1-1866	2.00			100	
		823	30	5-1-1866	6.00			300	
		976	30	5-1-1866	1.50			75	
		1007	30	5-1-1866	1.00			50	
		1010	30	5-1-1866	2.00			100	
		1017	30	5-1-1866	.60			30	
		1074	30	5-1-1866	2.00			100	2604.58
PARMA DITCH			71	6-1-1878	4.40			220	
			74	6-1-1880	1.76			88	
			125	6-1-1894	1.76			88	
			77-A	6-1-1881		1.60		80	
			77-B	6-1-1881		.34		17	
			77-C	6-1-1881		.80		40	
			77-D	6-1-1881		1.30		65	
	257		114-B	5-1-1889		.80		40	12.76
PENITENTIARY	46		50	6-1-1870	2.24			112	2.24
PHYLIS			90	6-1-1884	53.10			2655	
			117	9-1-1890	200.00			10000	
			135	4-1-1904	56.34			2817	
				4-1-1905			306.56	15328	
				4-1-1908			54.50	2725	
		1038	30	5-1-1866	21.715			1086	692.215

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	NO.	PRIORITY DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	
PIONEER DIXIE			8	9-1-1864	20.00			1000
			45	6-1-1869	35.44			1772
	36-A		96	10-1-1887	2.00			100
	48		96	10-1-1887	4.20			210
	62*		96	10-1-1887	1.00*			50*
		(790-111*)	8	9-1-1864	20.00*			1000*
			45	6-1-1869	.34*			17*
		608	88	6-1-1883	1.00			50
		644	88	6-1-1883	.70			35
		660	88	6-1-1883	.60			30
	35*		45	6-1-1869	2.00*			100*
	148*		96	10-1-1887	3.00*			150*
				7-9-1914				
							20.90	1045
								58.50
RIDENBAUGH (NAMPA & MERIDIAN)			67	5-1-1878	170.00			8500
			106	8-20-1888	370.84			18542
		392	65	6-1-1877	.40			20
	152		47-A	4-1-1870		.80		40
	153		127	5-1-1895	1.00			50
	154		8-A	4-1-1865		.80		40
		466*	106	8-20-1888	8.90*			445*
		595	1	6-1-1864	.20			10
		1711*	67	5-1-1878	.40*			20*
								534.74
RIVERSIDE			88	6-1-1883	12.00			600
			91	6-1-1884	20.00			1000
			95	1-23-1887	4.00			200
			124	5-1-1893	80.00			4000
			130	10-1-1899	20.00			1000
			133	6-1-1901	70.00			3500
			77-E	4-15-1882		3.674		183.7
			116-A	6-1-1890		.72		36
			116-B	6-1-1890		.10		5
			116-C	6-1-1890		.40		20
				4-1-1910			63.78	3189
				4-1-1914			17.70	885
		608*	88*	6-1-1883	1.00*			50*
		644*	88	6-1-1883	.70*			35*
		660*	88	6-1-1883	.60*			30*
	35		45	6-1-1869	2.00			100
	175*		88	6-1-1883	1.70*			85*
								290.374
RCEDEL DITCH			54-A	5-1-1875		3.20		160
								3.20

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL INCHES SEC. FT.
ROSSI MILL			16	6-1-1865	9.20			460
			18	6-1-1865	.80			40 10.00
SEBREE (FARMERS CO-OP)			60	6-1-1875	10.00			500
			86	6-1-1883	20.00			1000
			105	7-1-1888	50.00			2500
			129	7-1-1896	83.50			4175
				4-1-1905			154.45	7722
		717	9	6-1-1865	.64			32 318.59

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED				TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE	INCHES	
SETTLERS			92	10-17-1884	99.06			4953	
			122	6-1-1891	73.44			3672	
		347	3	6-1-1864	.14			7	
		349	3	6-1-1864	.14			7	
		350	3	6-1-1864	.14			7	
		357	65	6-1-1877	.20			10	
		412	81	6-1-1882	.40			20	
	76		85-B	4-1-1883		1.00		50	
	83		85-A	6-1-1882		.72		36	
		430	65	6-1-1877	.25			12.5	
		595	1	6-1-1864	.20			10	
		654	30	5-1-1866	.50			25	
					1.00			50	
					.50			25	
		694	30	5-1-1866	.16			8	
					.12			6	
					.14			7	
					.26			13	
		702	30	5-1-1866	.60			30	
		712	30	5-1-1866	.20			10	
					.20			10	
					.50			25	
		720	30	5-1-1866	1.34			67	
		736	37	6-1-1868	1.00			50	
		737	30	5-1-1866	1.10			55	
		739	30	5-1-1866	.15			7.5	
		753	30	5-1-1866	.46			23	
		829	30	5-1-1866	.48			24	
		871	36	6-1-1868	.288			14.4	
		872	36	6-1-1868	.22			11	
		873	30	5-1-1866	.20			10	
		890	30	5-1-1866	.10			5	
		906	30	5-1-1866	.10			5	
		917	30	5-1-1866	.20			10	
		918	30	5-1-1866	.025			1.25	
		940	30	5-1-1866	.05			2.5	
		977	30	5-1-1866	.20			10	
		979	30	5-1-1866	.10			5	
		980	30	5-1-1866	.12			6	
		989	30	5-1-1866	.20			10	
		990	30	5-1-1866	.03			4	
		991	30	5-1-1866	.16			8	
		1711	67	5-1-1878	.40			20	
SEVEN SUCKERS	38)		57	6-1-1872	.54			27	
	39)		58	6-1-1872	.50			25	
	179		51	6-1-1864	.168			8.4	
			52)	6-1-1871	.072			3.6	1.28

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED					TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS		INCHES		
						STEWART DECREE	BRYAN DECREE			
SIEBENBERG			9	6-1-1865	13.42				671	
		105*	9	6-1-1865	.50*				25*	
		717*	9	6-1-1865	.64*				32*	12.28
THURMAN MILL			7	6-1-1864	3.30				165	
			10	6-1-1865	1.20				60	
			11	6-1-1865	.66				33	
			36	6-1-1868	14.10				705	
			37	6-1-1868	3.70				185	
			42	6-1-1869	1.60				80	
			55	6-1-1872	.70				35	
			56	6-1-1872	1.40				70	
			62	6-1-1876	.44				22	
			75	6-1-1880	2.40				120	
			76	10-20-1880	.90				45	
			78	6-1-1882	.90				45	
			79	6-1-1882	.60				30	
			81	6-1-1882	2.60				130	
			84	6-1-1882	1.50				75	
			87	6-1-1883	.90				45	
			128	7-1-1895	.66				33	
		412*	81	6-1-1882	.40*				20*	
		736*	37	6-1-1868	1.00*				50*	
		871*	36	6-1-1868	.288*				14.4*	
		872*	36	6-1-1868	.22*				11*	35.652
	UPPER CENTER POINT			23	6-1-1865	3.20				160
			24	6-1-1865	2.40				120	
			25	6-1-1865	3.94				197	
			26	6-1-1865	1.60				80	
			27	6-1-1865	1.58				79	
			24	6-1-1865	.80*				40*	
		71*	24	6-1-1865	.50*				25*	
		85*	24	6-1-1865	.50*				150	
		148	96	10-1-1887	3.00				5*	
		159*	24	6-1-1865	.10*				25	14.82
		289	89	11-9-1883	.50					

*SUBTRACT

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 26

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
1	FARMERS UNION	1	1.80	1.35	1.08	1.08	1334.0	1650.1
1	RIDENBAUGH	1	.20	.15	.12	1.20	1334.0	1650.2
1	SETTLERS	1	.20	.15	.12	1.32	1334.1	1650.2
2	*FARMERS UNION	1	20.00	20.00	20.00	21.32	1334.1	1650.2
3	MIDDLETON MILL	1	11.04	8.28	6.62	27.94	1335.7	1653.0
3	FARMERS UNION	1	.10	.08	.06	28.00	1335.7	1653.0
3	SETTLERS	1	.42	.32	.25	28.25	1335.8	1653.1
3	NEW DRY CREEK	1	1.25	.94	.75	29.00	1336.0	1653.4
4	ANDREWS	3	3.30	2.48	1.98	29.00	1336.0	1653.4
5	MACE-CATLIN	1	2.69	2.02	1.61	30.61	1336.4	1654.1
5	SEVEN SUCKERS	1	.17	.13	.10	30.71	1336.4	1654.1
6	HART-DAVIS	1	3.30	2.48	1.98	32.69	1336.9	1655.0
7	THURMAN MILL	1	3.30	2.48	1.98	34.67	1337.4	1655.8
8	NEW YORK	1	20.00	15.00	12.20	46.67	1340.4	1660.8
8A	RIDENBAUGH	1	.80	.60	.48	47.45	1340.5	1661.0
8B	BUBB	1	1.80	1.35	1.08	48.23	1340.8	1661.4
8C	LEMP	1	6.00	4.50	3.60	51.83	1341.7	1662.9
8D	BUBB	1	.50	.38	.30	52.13	1341.8	1663.1
9	SIEBENBERG	2	13.42	10.07	8.05	52.13	1341.8	1663.1
9	SEBREE	2	.64	.48	.38	52.13	1341.8	1663.1
9	CAMPBELL	2	.50	.38	.30	52.13	1341.8	1663.1
10	THURMAN MILL	1	1.20	.90	.72	52.85	1342.0	1663.4
11	THURMAN MILL	1	.66	.50	.40	53.25	1342.1	1663.5
12	GRAHAM-GILBERT	1	4.40	3.30	2.64	55.89	1342.7	1664.6
13	EUREKA #1	1	33.32	24.99	19.99	75.89	1347.7	1673.0
14	NEW UNION	1	13.76	10.32	8.27	84.15	1349.8	1676.4
15	BOISE VALLEY	1	54.58	40.94	32.75	116.90	1358.0	1690.0
16	ROSSI MILL	1	9.20	6.90	5.52	122.42	1359.5	1692.5
17	RIDENBAUGH & ROSSI (POWER)	1	265.80	265.80	265.80	122.42	1359.5	1692.5
18	ROSSI MILL	1	.60	.60	.48	122.90	1359.5	1692.5
19	BOWMAN-SWISHER	2	2.88	2.16	1.73	122.90	1359.5	1692.5
20	BOWMAN-SWISHER	2	5.60	4.20	3.36	122.90	1359.5	1692.5
20	BAXTER	3	.80	.60	.48	122.90	1359.5	1692.5
21	LOWER CENTER POINT	2	2.90	2.18	1.74	122.90	1359.5	1692.5
22	LOWER CENTER POINT	2	3.20	2.40	1.92	122.90	1359.5	1692.5
23	UPPER CENTER POINT	2	3.20	2.40	1.92	122.90	1359.5	1692.5
24	UPPER CENTER POINT	2	1.00	.75	.60	122.90	1359.5	1692.5
24	EUREKA #2	2	1.40	1.05	.84	122.90	1359.5	1692.5
25	UPPER CENTER POINT	2	3.94	2.96	2.36	122.90	1359.5	1692.5
26	UPPER CENTER POINT	2	1.60	1.20	.96	122.90	1359.5	1692.5
27	UPPER CENTER POINT	2	1.58	1.19	.95	122.90	1359.5	1692.5
28	BOONE	3	7.00	5.25	4.20	122.90	1359.5	1692.5
29	ANDREWS	3	6.00	4.50	3.60	122.90	1359.5	1692.5
30	*MIDDLETON MILL	1	.40	.40	.40	123.30	1359.5	1692.5
30	*MISCELLANEOUS	1	3.00	3.00	3.00	126.20	1359.5	1692.5
30	*NEW DRY CREEK	1	.54	.54	.54	126.84	1359.5	1692.5

* THESE RIGHTS HAVE BEEN ADJUDICATED BY THE SUPREME COURT AND ARE NOT CUT BELOW 100%

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 26

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
30	*NEW YORK	1	15.10	15.10	15.10	141.94	1359.5	1698.5
30	*PHYLISS	1	21.72	21.72	21.72	163.66	1359.5	1698.5
30	*SETTLERS	1	9.25	9.25	9.25	172.91	1359.5	1698.5
31	CANYON COUNTY	1	2.60	1.95	1.56	174.47	1359.5	1698.5
31A	MIDDLETON IRRIGATION	1	2.30	1.73	1.38	175.05	1360.2	1698.5
31B	MIDDLETON IRRIGATION	1	.60	.45	.36	176.21	1360.3	1698.5
31C	LITTLE PIONEER	1	1.10	.83	.66	176.87	1360.5	1698.5
32	MISCELLANEOUS	1	1.70	1.28	1.02	177.89	1360.8	1698.5
32	FARMERS UNION	1	1.80	1.35	1.08	178.97	1361.0	1698.5
33	BOISE CITY CANAL	1	36.38	27.29	21.83	200.80	1366.4	1704.2
33	FARMERS UNION	1	1.68	1.26	1.01	201.81	1366.7	1704.6
34	CALDWELL HIGHLINE	1	15.40	11.55	9.24	211.05	1369.0	1708.4
35	CANYON COUNTY	1	75.01	56.26	45.01	256.06	1390.3	1787.2
35	MIDDLETON MILL	1	.41	.31	.25	256.31	1390.3	1787.2
35	MIDDLETON IRRIGATION	1	.38	.29	.23	256.54	1390.4	1787.4
35A	CANYON COUNTY	1	1.76	1.32	1.06	257.60	1390.6	1787.8
36	THURMAN MILL	1	13.59	10.19	8.15	265.75	1382.7	1731.2
36	SETTLERS	1	.51	.38	.31	266.06	1382.7	1731.3
37	THURMAN MILL	1	2.70	2.03	1.62	267.68	1382.2	1732.0
37	SETTLERS	1	1.00	.75	.60	268.28	1383.3	1732.3
38	LOWER CENTER POINT	2	3.20	2.40	1.92	268.28	1383.3	1732.3
39	HAAS	3	8.54	6.41	5.12	268.28	1383.3	1732.3
40	MIDDLETON MILL	1	1.40	1.05	.84	269.12	1383.5	1732.6
41	MAHMON	3	1.30	1.35	1.08	269.12	1383.5	1732.6
42	THURMAN MILL	1	1.60	1.20	.96	270.08	1383.8	1733.0
43	LOWER CENTER POINT	2	3.60	2.70	2.16	270.08	1383.8	1733.0
44	ANDREWS	3	8.50	6.38	5.10	270.08	1383.8	1733.0
45	PIONEER DIXIE	2	33.10	24.83	19.86	270.08	1383.8	1733.0
45	NEW YORK	1	.34	.26	.20	270.28	1383.9	1733.1
45	RIVERSIDE	2	2.00	1.50	1.20	270.28	1383.8	1733.1
46	CALDWELL HIGH LINE	1	36.20	27.15	21.72	292.00	1389.2	1742.2
46	CANYON COUNTY	1	1.00	.75	.60	292.60	1389.4	1742.4
47	BOONE	3	3.50	2.63	2.10	292.60	1389.4	1742.4
47A	RIDENBAUGH	1	.80	.60	.48	293.00	1389.5	1742.6
48	CONWAY HAMMING	1	2.60	1.95	1.56	294.64	1389.9	1743.3
49	LITTLE PIONEER	1	25.72	19.29	15.43	310.07	1393.8	1749.7
50	PENITENTIARY	1	2.24	1.68	1.34	311.41	1394.1	1750.2
50A	BUSS	1	1.00	.75	.60	312.01	1394.2	1750.3
51	ANDREWS	3	1.30	.98	.78	312.01	1394.2	1750.3
52	MACE-CATLIN	1	7.79	5.84	4.67	316.50	1393.4	1752.4
52	SEVEN SUCKERS	1	.07	.05	.04	316.72	1393.4	1752.3
53	MEEVES	1	1.80	1.35	1.08	317.80	1393.7	1752.9
54	MIDDLETON MILL	1	32.43	24.32	19.46	337.26	1400.5	1761.0
54	FARMERS UNION	1	.26	.20	.16	337.42	1400.6	1761.1
54	NEW DRY CREEK	1	1.01	.76	.61	338.03	1400.7	1761.3
55	THURMAN MILL	1	.70	.53	.42	338.43	1400.8	1761.5

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TABLE SHOWING PRESENT DIVERSION OF STEWART DECREEED
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 26

NO.	CANAL	RIVER SECTION	100% OF DEGREE	75% OF DEGREE	60% OF DEGREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
56	THURMAN MILL	1	1.40	1.05	.84	339.29	1401.1	1761.9
57	HART DAVIS	1	3.86	2.90	2.32	341.61	1401.6	1762.8
57	SEVEN SUCKERS	1	.54	.41	.32	341.93	1401.7	1763.0
58	HART DAVIS	1	2.80	2.10	1.68	343.61	1402.1	1763.7
58	SEVEN SUCKERS	1	.50	.38	.30	343.91	1402.2	1763.8
59	BOONE	3	2.20	1.65	1.32	343.91	1402.2	1763.8
59A	ROEDEL	2	3.20	2.40	1.92	343.91	1402.2	1763.8
60	SEBREE	2	10.00	7.50	6.00	343.91	1402.2	1763.8
61	WARM SPRINGS	1	2.30	1.73	1.38	345.29	1402.6	1764.4
62	THURMAN MILL	1	.44	.33	.26	345.55	1402.6	1764.5
63	AIKEN	1	5.20	3.90	3.12	348.67	1403.4	1765.8
64	CONWAY-HAMMING	1	.90	.68	.54	349.21	1403.5	1766.0
65	MIDDLETON IRRIGATION	1	109.51	82.13	65.71	414.92	1420.0	1793.4
65	BALLENTYNE	1	.60	.45	.36	415.28	1420.1	1793.5
65	FARMERS UNION	1	3.12	2.34	1.87	417.15	1420.5	1794.3
65	RIDENBAUGH	1	.40	.30	.24	417.39	1420.6	1794.4
65	SETTLERS	1	.45	.34	.27	417.66	1420.6	1794.5
66	FARRAULT & JOHNSON (POWER)	1	200.00	200.00	200.00	417.66	1420.6	1794.5
66A	BALLENTYNE	1	.80	.60	.48	418.14	1420.8	1794.7
66C	BALLENTYNE	1	1.40	1.05	.84	418.98	1421.0	1795.1
66D	BALLENTYNE	1	.80	.60	.48	419.46	1421.1	1795.3
67	RIDENBAUGH	1	169.60	127.20	101.76	521.22	1446.5	1837.7
67	SETTLERS	1	.40	.30	.24	521.46	1446.6	1837.8
68	MAMMON	3	4.20	3.15	2.52	521.46	1446.6	1837.8
69	MAMMON	3	3.36	2.52	2.02	521.46	1446.6	1837.8
70	HAAS	3	8.80	6.60	5.28	521.46	1446.6	1837.8
71	PARMA	3	4.40	3.30	2.64	521.46	1446.6	1837.8
71A	ISLAND HIGH LINE	3	3.00	2.25	1.80	521.46	1446.6	1837.8
72	NEW DRY CREEK	1	31.32	23.49	18.79	540.25	1451.3	1845.6
73	LOWER CENTER POINT	2	4.00	3.00	2.40	540.25	1451.3	1845.6
73A	NEW DRY CREEK	1	.44	.33	.26	540.51	1451.4	1845.7
73A	AIKEN	1	.10	.08	.06	540.57	1451.4	1845.7
73B	BAXTER	3	3.20	2.40	1.92	540.57	1451.4	1845.7
74	PARMA	3	1.76	1.32	1.06	540.57	1451.4	1845.7
74A	NEW DRY CREEK	1	1.82	1.37	1.09	541.66	1451.6	1846.2
75	THURMAN MILL	1	2.40	1.80	1.44	543.10	1452.0	1846.8
76	THURMAN MILL	1	.90	.68	.54	543.64	1452.1	1847.0
77	CALDWELL HIGH LINE	1	27.60	20.70	16.56	560.20	1456.3	1853.9
77A	PARMA	3	1.60	1.20	.96	560.20	1456.3	1853.9
77B	PARMA	3	.34	.26	.20	560.20	1456.3	1853.9
77C	PARMA	3	.80	.60	.48	560.20	1456.3	1853.9
77D	PARMA	3	1.30	.98	.78	560.20	1456.3	1853.9
77E	RIVERSIDE	2	3.67	2.75	2.20	560.20	1456.3	1853.9
78	THURMAN MILL	1	.70	.68	.54	560.74	1456.4	1854.1
79	THURMAN MILL	1	.60	.45	.36	561.10	1456.5	1854.3
80	MISCELLANEOUS	1	1.60	1.20	.96	562.06	1456.7	1854.7

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREEED RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL TO 60% - 75% AND 100%

CHART NO. 26

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
81	THURMAN MILL	1						
81	SETTLERS	1	2.20	1.65	1.32	563.33	1457.1	1855.2
81	WARM SPRINGS	1	.40	.30	.24	563.62	1457.1	1855.3
82	WARM SPRINGS	1	.80	.60	.48	564.10	1457.3	1855.5
83	WARM SPRINGS	1	.44	.33	.26	564.36	1457.3	1855.6
84	THURMAN MILL	1	.44	.33	.26	564.62	1457.4	1855.7
84	WARM SPRINGS	1	1.50	1.13	.90	565.52	1457.6	1856.1
85	WARM SPRINGS	1	1.36	1.02	.82	566.34	1457.8	1856.5
85A	MISCELLANECUS	1	2.20	1.65	1.32	567.66	1458.1	1857.0
85A	SETTLERS	1	1.04	.78	.62	568.28	1458.3	1857.3
85B	SETTLERS	1	.72	.54	.43	568.71	1458.4	1857.4
85C	NEW DRY CREEK	1	1.00	.75	.60	569.31	1458.6	1857.7
85D	BALLENTYNE	1	.22	.17	.13	569.44	1458.6	1857.8
85D	NEW DRY CREEK	1	.76	.57	.46	569.90	1458.7	1857.9
85E	NEW DRY CREEK	1	.07	.05	.04	569.94	1458.7	1858.0
86	SEBREE	1	.39	.29	.23	570.17	1458.7	1858.1
87	THURMAN MILL	2	20.00	15.00	12.00	570.17	1458.8	1858.1
88	RIVERSIDE	1	.90	.68	.54	570.71	1458.9	1858.3
88	EUREKA #2	2	6.00	6.00	4.80	570.71	1458.9	1858.3
88	PIONEER DIXIE	2	1.70	1.28	1.02	570.71	1458.9	1858.3
89	EUREKA #2	2	2.30	1.73	1.38	570.71	1458.9	1858.3
89	BOWMAN-SWISHER	2	18.30	13.73	10.98	570.71	1458.9	1858.3
89	UPPER CENTER POINT	2	.20	.15	.12	570.71	1458.9	1858.3
89	LOWER CENTER POINT	2	.50	.38	.30	570.71	1458.9	1858.3
90	PHYLLISS	2	2.70	2.03	1.62	570.71	1458.9	1858.3
91	PHYLLISS	1	53.10	39.83	31.86	602.37	1466.9	1871.6
91	RIVERSIDE	2	20.00	15.00	12.00	602.57	1466.9	1871.6
92	SETTLERS	1	99.06	74.30	59.44	662.01	1481.7	1896.3
93	NEW DRY CREEK	1	15.22	11.42	9.13	671.14	1484.0	1900.1
94	DAVIS	1	13.40	10.05	8.04	679.18	1486.0	1903.5
95	RIVERSIDE	2	4.00	3.00	2.40	679.18	1486.0	1903.5
96	BOWMAN-SWISHER	2	.70	.53	.42	679.18	1486.0	1903.5
96	CAMPBELL	2	12.10	9.08	7.26	679.18	1486.0	1903.5
96	EUREKA #2	2	28.60	21.45	17.16	679.18	1486.0	1903.5
96	NEW YORK	1	1.20	.90	.72	679.90	1486.2	1903.8
96	PIONEER DIXIE	2	2.20	1.65	1.32	679.90	1486.2	1903.8
96	UPPER CENTER POINT	2	3.00	2.25	1.80	679.90	1486.2	1903.8
97	NEW DRY CREEK	1	7.86	5.90	4.72	684.62	1487.4	1905.7
98	BALLENTYNE	1	4.00	3.00	2.40	687.02	1488.0	1906.7
99	BALLENTYNE	1	1.30	.98	.78	687.80	1488.2	1907.1
99	BALLENTYNE	1	1.40	1.05	.84	688.64	1488.4	1907.4
100	BALLENTYNE	1	1.46	1.10	.88	689.52	1488.6	1907.8
101	BALLENTYNE	1	1.00	.75	.60	690.12	1488.8	1908.0
102	BALLENTYNE	1	.20	.15	.12	690.24	1488.8	1908.1
102	NEW DRY CREEK	1	.51	.38	.31	690.55	1488.9	1908.2
103	BALLENTYNE	1	.33	.25	.20	691.08	1489.0	1908.4
103	NEW DRY CREEK	1	.90	.68	.54	691.08	1489.0	1908.4
104	ANDREWS	3	50.00	37.50	30.00	691.08	1489.0	1908.4
105	SEBREE	2	361.34	271.46	217.16	908.24	1343.3	1998.9
106	RIDENBAUGH	1	8.90	6.68	5.34	913.58	1544.6	2001.2
106	NEW YORK	1						

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE
RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
TO 60% - 75% AND 100%

CHART NO. 26

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
106A	BUBB	1						
107	BUBB	1	.84	.63	.50	914.03	1544.7	2001.3
108	BUBB	1	.06	.05	.04	914.12	1544.8	2001.4
109	BUBB	1	.02	.02	.01	914.13	1544.8	2001.4
110	BUBB	1	2.40	1.80	1.44	915.57	1545.1	2002.0
111	BUBB	1	6.00	4.50	3.60	919.17	1546.0	2003.5
112	BUBB	1	2.94	2.21	1.76	920.93	1546.5	2004.2
113	BUBB	1	.05	.04	.03	920.96	1546.5	2004.2
114	BUBB	1	.10	.08	.06	921.02	1546.5	2004.2
114A	MISCELLANEOUS	3	.03	.02	.02	921.04	1546.5	2004.2
114B	PARMA	3	1.60	1.20	.96	921.04	1546.5	2004.2
115	WARM SPRINGS	1	.80	.60	.48	921.04	1546.5	2004.2
116	WARM SPRINGS	1	.06	.05	.04	921.04	1546.5	2004.3
116A	RIVERSIDE	2	1.20	.90	.72	921.80	1546.7	2004.6
116S	RIVERSIDE	2	.72	.54	.43	921.80	1546.7	2004.6
116C	RIVERSIDE	2	.10	.08	.06	921.80	1546.7	2004.6
117	PHYLISS	1	.40	.30	.24	921.80	1546.7	2004.6
118	CONWAY-HAMMING	1	200.00	150.00	120.00	1041.80	1576.7	2054.6
119	DAVIS	1	2.20	1.65	1.32	1043.12	1577.0	2055.1
120	MIDDLETON MILL	1	.54	.41	.32	1043.44	1577.1	2055.2
120	FARMERS UNION	1	16.44	12.33	9.86	1053.30	1579.6	2059.4
120	NEW DRY CREEK	1	.08	.06	.05	1053.35	1579.6	2059.4
121	ANDREWS	3	.48	.36	.29	1053.64	1579.6	2059.5
122	SETTLERS	1	3.50	2.63	2.10	1053.64	1579.6	2059.5
123	BALLENTYNE	1	73.44	55.08	44.06	1097.70	1590.7	2077.9
123A	MIDDLETON MILL	1	.80	.60	.48	1098.18	1590.8	2078.1
124	RIVERSIDE	3	1.60	1.20	.96	1099.14	1591.0	2078.5
124A	NEW DRY CREEK	1	80.00	60.00	48.00	1099.14	1591.0	2078.5
124A	BALLENTYNE	1	.69	.52	.41	1099.55	1591.1	2078.6
125	PARMA	3	.14	.11	.08	1099.63	1591.1	2078.7
126	FARMERS UNION	1	1.76	1.32	1.06	1099.63	1591.1	2078.7
127	RIDENBAUGH	1	110.00	82.50	66.00	1165.63	1607.6	2106.2
128	THURMAN MILL	1	1.00	.75	.60	1166.23	1607.8	2106.4
129	SEBREE	2	.66	.50	.40	1166.63	1607.9	2106.6
129A	NEW DRY CREEK	1	83.50	62.63	50.10	1166.63	1607.9	2106.6
130	RIVERSIDE	2	.54	.41	.32	1166.95	1608.0	2106.7
131	NEW YORK	1	20.00	15.00	12.00	1166.95	1608.0	2106.7
132	CAMPBELL	2	219.10	164.33	131.46	1298.41	1640.8	2161.5
133	RIVERSIDE	2	10.00	7.50	6.00	1298.41	1640.8	2161.5
134	CAMPBELL	2	70.00	52.50	42.00	1298.41	1640.8	2161.5
135	PHYLISS	1	5.54	4.16	3.32	1298.41	1640.8	2161.5
136	BALLENTYNE	1	56.34	42.26	33.80	1332.21	1649.3	2175.6
137	MACE-MACE	1	.39	.29	.23	1332.44	1649.3	2175.7
137A	ISLAND HIGH LINE	3	1.76	1.32	1.06	1333.50	1649.6	2176.1
138	MACE-CATLIN	1	7.00	5.25	4.20	1333.50	1649.6	2176.1
139	ISLAND HIGH LINE	3	.44	.33	.26	1333.76	1649.7	2176.2
			10.00	7.50	6.00	1333.76	1649.7	2176.2

TABLE SHOWING DECREED RIGHTS (BRYAN DECREE) & FLOW IN SECOND FEET
AN APPROXIMATE AMOUNT
NECESSARY AT DIVERSION DAM TO FILL SAME

CHART NO. 27

PRIORITY DATE	NAME	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%	DEPT. OF WATER ADMINISTRATION
7-2-1894	FARMERS UNION	54.46	40.85	32.68	2306	4071	4523	63-0297
3-23-1900	NEW YORK IRRIG. DIST. BOISE KUNA IRRIG. DIST.	58.86	44.15	35.32	2341	4079	4538	63-0372
12-14-1903	UNITED STATES OF AMERICA	1354.58	1015.94	812.75	3154	4283	4877	63-0301
4-1-1905	PIONEER IRRIG. DIST.	306.56	229.92	183.94	3338	4329	4953	63-0294
4-1-1905	FARMERS COOP. DITCH CO.	154.45	115.84	92.67	3430	4352	4992	63-0296
4-1-1905	SOUTH BOISE MUTUAL DITCH CO.	5.40	4.05	3.24	3434	4353	4993	63-0298
4-1-1908	PIONEER IRRIG. DIST.	54.50	40.88	32.70	3466	4361	5007	63-0295
4-1-1909	UNITED STATES OF AMERICA	292.50	219.38	175.50				63-0373
6-16-1909	UNITED STATES OF AMERICA	634.00	475.50	380.40	4022	4500	5239	63-0302
6-16-1909	UNITED STATES OF AMERICA	1500.00	(POWER)					63-0367
4-1-1910	*RIVERSIDE IRRIG. DIST.	63.78	47.84	38.27	4060	4509	5255	63-0299
4-1-1910	**MCMANUS TEATER	3.36	2.52	2.02	4062	4510	5255	63-0304
1-13-1911	*UNITED STATES OF AMERICA	8000.00	(ARROWROCK STORAGE)				13255	63-0303
4-1-1914	RIVERSIDE IRRIG. DIST.	17.70	13.28	10.62			13273	63-0300
7-9-1914	**PIONEER DIXIE DITCH CO.	20.90	15.68	12.54			13294	63-0374
8-18-1924	UNITED STATES OF AMERICA	300.00	225.00	180.00			13594	63-2388
6-25-1938	UNITED STATES OF AMERICA	15000.00	(ARROWROCK STORAGE)					63-3613
12-9-1940	UNITED STATES OF AMERICA	493161.00	(ANDERSON STORAGE)					63-3614
4-12-1963	UNITED STATES OF AMERICA	307000.00	(LUCKY PEAK STORAGE)					63-3618

**DELIVERED FROM RETURN FLOW AFTER JULY 15

* FOR FURTHER INFORMATION SEE TEXT OF THIS REPORT, UNDER HEADING, "DECREE".

